

August 31, 2011

Mr. Scott Pawlukiewicz
TRC Solutions
2025 E. Beltline Ave., SE, Ste 402
Grand Rapids, MI 49546

Phone: (616) 975-5415
Fax: (616) 975-1098

RE: Trace Project T11H198
Client Project LEC / 004048.0000.0000

Dear Mr. Pawlukiewicz:

Enclosed are your analytical results. The results of this report relate only to the samples listed in the body of this report.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work, however, some results may have raised reporting limits to correct for percent solids.

For clients that require NELAC Accreditation, Trace certifies that these test results meet all requirements of the NELAC Standard, except for those analytes with a "N" notation. These analytes have not been evaluated by NELAC at Trace's discretion and will not be reported unless requested by client.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at jmink@trace-labs.com.

Sincerely,



Jon Mink
Project Manager

Enclosures



NJDEP Accreditation No. MI008 PADEP Accreditation No. 68-04471

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SAMPLE SUMMARY

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T11H198-01	MW-19-12	Ground Water	sp/ma	08/16/11 10:57	08/17/11 10:52
T11H198-02	MW-19-8	Ground Water	sp/ma	08/16/11 11:49	08/17/11 10:52
T11H198-03	MW-19-17	Ground Water	sp/ma	08/16/11 13:10	08/17/11 10:52
T11H198-04	MW-19-15	Ground Water	sp/ma	08/16/11 14:33	08/17/11 10:52
T11H198-05	MW-19-16	Ground Water	sp/ma	08/16/11 15:45	08/17/11 10:52
T11H198-06	MW-25 (R)	Ground Water	sp/ma	08/16/11 11:59	08/17/11 10:52
T11H198-07	MW-29S	Ground Water	sp/ma	08/16/11 14:47	08/17/11 10:52
T11H198-08	MW-8	Ground Water	sp/ma	08/16/11 16:34	08/17/11 10:52
T11H198-09	TB-01	Aqueous	sp/ma	08/08/11	08/17/11 10:52
T11H198-10	MW-19-14	Ground Water	sp/ma	08/17/11 08:48	08/18/11 10:35
T11H198-11	MW-19-13	Ground Water	sp/ma	08/17/11 10:45	08/18/11 10:35
T11H198-12	MW-19-6R	Ground Water	sp/ma	08/17/11 13:33	08/18/11 10:35
T11H198-13	ATM-01	Aqueous	sp/ma	08/17/11 14:00	08/18/11 10:35
T11H198-14	MW-19-7R	Ground Water	sp/ma	08/17/11 14:42	08/18/11 10:35
T11H198-15	MW-19R	Ground Water	sp/ma	08/17/11 15:47	08/18/11 10:35
T11H198-16	MW-19-5R	Ground Water	sp/ma	08/17/11 16:48	08/18/11 10:35
T11H198-17	MW-30s	Ground Water	sp/ma	08/17/11 10:44	08/18/11 10:35
T11H198-18	MW-30i	Ground Water	sp/ma	08/17/11 12:19	08/18/11 10:35
T11H198-19	MW-30d	Ground Water	sp/ma	08/17/11 14:46	08/18/11 10:35
T11H198-20	MW-28s	Ground Water	sp/ma	08/17/11 15:53	08/18/11 10:35
T11H198-21	MW-28i	Ground Water	sp/ma	08/17/11 17:09	08/18/11 10:35
T11H198-22	Dup-01	Ground Water	sp/ma	08/17/11	08/18/11 10:35
T11H198-23	Dup-02	Ground Water	sp/ma	08/17/11	08/18/11 10:35
T11H198-24	TB-02	Aqueous	sp/ma	08/08/11	08/18/11 10:35
T11H198-25	DRC-02	Surface Water	sp/ma	08/18/11 08:30	08/19/11 10:32
T11H198-26	SW-D-5	Surface Water	sp/ma	08/18/11 08:35	08/19/11 10:32
T11H198-27	SW-R-1	Surface Water	sp/ma	08/18/11 08:45	08/19/11 10:32
T11H198-28	SW-R-2	Surface Water	sp/ma	08/18/11 08:55	08/19/11 10:32
T11H198-29	SW-R-3	Surface Water	sp/ma	08/18/11 09:10	08/19/11 10:32
T11H198-30	SW-R-4	Surface Water	sp/ma	08/18/11 09:20	08/19/11 10:32
T11H198-31	SW-D-4	Surface Water	sp/ma	08/18/11 09:40	08/19/11 10:32
T11H198-32	SW-R-6	Surface Water	sp/ma	08/18/11 10:00	08/19/11 10:32
T11H198-33	SW-D-3	Surface Water	sp/ma	08/18/11 10:20	08/19/11 10:32
T11H198-34	SW-D-2	Surface Water	sp/ma	08/18/11 10:30	08/19/11 10:32
T11H198-35	SW-D-1	Surface Water	sp/ma	08/18/11 10:40	08/19/11 10:32
T11H198-36	Dup-03	Surface Water	sp/ma	08/18/11	08/19/11 10:32
T11H198-37	MW-34S	Ground Water	sp/ma	08/18/11 09:08	08/19/11 10:32

CERTIFICATE OF ANALYSIS

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T11H198-38	MW-35S	Ground Water	sp/ma	08/18/11 09:28	08/19/11 10:32
T11H198-39	MW-32S	Ground Water	sp/ma	08/18/11 09:59	08/19/11 10:32
T11H198-40	MW-31S	Ground Water	sp/ma	08/18/11 10:24	08/19/11 10:32
T11H198-41	MW-33S	Ground Water	sp/ma	08/18/11 10:56	08/19/11 10:32
T11H198-42	RB-01	Aqueous	sp/ma	08/18/11 13:10	08/19/11 10:32
T11H198-43	RB-02	Aqueous	sp/ma	08/18/11 13:20	08/19/11 10:32
T11H198-44	RB-03	Aqueous	sp/ma	08/18/11 13:30	08/19/11 10:32
T11H198-45	TB-03	Aqueous	sp/ma	08/18/11	08/19/11 10:32
T11H198-46	MW-27	Ground Water	sp/ma	08/18/11 12:58	08/19/11 10:32

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AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

DATA QUALIFIERS

Trace ID: T024814-MS1

Analysis: EPA 8260B

Toluene

Note 222 : The MS and MSD recoveries were out of control. Because the sample background concentration of this analyte is greater than four times the spike amount, no data require qualification.

Trace ID: T024814-MSD1

Analysis: EPA 8260B

Toluene

Note 222 : The MS and MSD recoveries were out of control. Because the sample background concentration of this analyte is greater than four times the spike amount, no data require qualification.

Trace ID: T024841-MS1

Analysis: EPA 8260B

Toluene

Note 222 : The MS and MSD recoveries were out of control. Because the sample background concentration of this analyte is greater than four times the spike amount, no data require qualification.

Trace ID: T024841-MSD1

Analysis: EPA 8260B

Toluene

Note 222 : The MS and MSD recoveries were out of control. Because the sample background concentration of this analyte is greater than four times the spike amount, no data require qualification.

Trace ID: T024869-MS1

Analysis: EPA 8260B

Benzene

Note 900b : The MS recovery and the corresponding RPD were out of control. Because this analyte was not reported from the non-spiked version of the sample no data requires qualification.

Trace ID: T024869-MSD1

Analysis: EPA 8260B

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Benzene

Note 900b : The MS recovery and the corresponding RPD were out of control. Because this analyte was not reported from the non-spiked version of the sample no data requires qualification.

Trace ID: T024915-MS1

Analysis: EPA 350.1 Rev. 2.0

Ammonia as N

Note 205 : The MS and MSD recoveries were out of control low. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.

Trace ID: T024915-MSD1

Analysis: EPA 350.1 Rev. 2.0

Ammonia as N

Note 205 : The MS and MSD recoveries were out of control low. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.

Trace ID: T025018-BS1

Analysis: EPA 8260B

Benzene

Note 112 : The LCS recovery was out of control high. Because there were no positive results for this analyte in this QC batch, no data require qualification.

Toluene

Note 812 : Sporadic marginal recovery failure. No data require qualification.

Trace ID: T11H198-02

Analysis: EPA 8270C

Nitrobenzene-d5

Note 802 : One of the base/neutral surrogate recoveries was outside the control limits. Since the other two base/neutral surrogates were within the control limits, no data require qualification.

Trace ID: T11H198-17

Analysis: EPA 8270C

Nitrobenzene-d5

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Trace ID: T11H198-20

Analysis: EPA 8270C

2-Fluorobiphenyl

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Nitrobenzene-d5

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Terphenyl-d14

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Trace ID: T11H198-22

Analysis: EPA 8270C

Nitrobenzene-d5

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Trace ID: T11H198-24

Analysis: EPA 8260B

Toluene

Note 900a : The analyte is potential carry over from a previous sample therefore the results must be considered suspect. The sample cannot be re-analyzed as all sample containers have been consumed.

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Trace ID: T11H198-37

Analysis: EPA 350.1 Rev. 2.0

Ammonia as N

Note 205 : The MS and MSD recoveries were out of control low. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.

Trace ID: T11H198-38

Analysis: EPA 8270C

2-Fluorobiphenyl

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Nitrobenzene-d5

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Terphenyl-d14

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Trace ID: T11H198-39

Analysis: EPA 8270C

2-Fluorobiphenyl

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Nitrobenzene-d5

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Terphenyl-d14

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Trace ID: T11H198-40

Analysis: EPA 8270C

2-Fluorobiphenyl

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Nitrobenzene-d5

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Terphenyl-d14

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Trace ID: T11H198-41

Analysis: EPA 8270C

2-Fluorobiphenyl

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Nitrobenzene-d5

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Terphenyl-d14

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Trace ID: T11H198-46

Analysis: EPA 300.0 Rev. 2.1

Nitrate as N

Note 900 : Due to instrument error, the sample was run past hold and must be considered estimate.

Analysis: EPA 8260B

1,2-Dichloroethane-d4

Note 312 : The surrogate recovery was out of control high when compared to control limits. As there are no positive results, no data require qualification.

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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-01 Date Collected: 08/16/11 10:57 Matrix: Ground Water
Sample ID: MW-19-12 Date Received: 08/17/11 10:52

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024786

1,3-Butadiene	<1.0 ug/L	1.0	1	08/18/11	was	08/18/11	was	N
Benzene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was	
Toluene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was	
Ethylbenzene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was	
m,p-Xylene	<1.0 ug/L	1.0	1	08/18/11	was	08/18/11	was	N
o-Xylene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was	N
Xylenes, total	<1.5 ug/L	1.5	1	08/18/11	was	08/18/11	was	

Surrogates:

1,2-Dichloroethane-d4	93 %	68-133	1	08/18/11	was	08/18/11	was
Toluene-d8	87 %	75-120	1	08/18/11	was	08/18/11	was

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024728

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	08/18/11	kb	08/19/11	gmr
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Surrogates:

Nitrobenzene-d5	61 %	36-103	1	08/18/11	kb	08/19/11	gmr
2-Fluorobiphenyl	74 %	36-119	1	08/18/11	kb	08/19/11	gmr
Terphenyl-d14	90 %	37-109	1	08/18/11	kb	08/19/11	gmr

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	<0.050 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-01 Date Collected: 08/16/11 10:57 Matrix: Ground Water
Sample ID: MW-19-12 Date Received: 08/17/11 10:52

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	<0.0030 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024710

Nitrate as N	1.2 mg/L	0.22	5	08/17/11	bd	08/17/11	bd		
Sulfate as SO ₄	16 mg/L	2.5	5	08/17/11	bd	08/17/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	0.013 mg/L	0.010	1	08/19/11	da	08/19/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024707

Total Dissolved Solids	400 mg/L	10	1	08/17/11	as	08/18/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024729

Total Suspended Solids	<4.0 mg/L	4.0	1	08/18/11	as	08/18/11	as		
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Analysis Method: SM9215B

Batch: T024702

Heterotrophic Plate Count	28 CFU/ml	1.0	1	08/17/11	da	08/19/11	da		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	<1.0 ug/L	1.0	1	08/22/11	was	08/22/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-02 Date Collected: 08/16/11 11:49 Matrix: Ground Water
Sample ID: MW-19-8 Date Received: 08/17/11 10:52

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024786

1,3-Butadiene	<1.0 ug/L	1.0	1	08/18/11	was	08/18/11	was	N
Benzene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was	
Toluene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was	
Ethylbenzene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was	
m,p-Xylene	<1.0 ug/L	1.0	1	08/18/11	was	08/18/11	was	N
o-Xylene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was	N
Xylenes, total	<1.5 ug/L	1.5	1	08/18/11	was	08/18/11	was	

Surrogates:

1,2-Dichloroethane-d4	99 %	68-133	1	08/18/11	was	08/18/11	was
Toluene-d8	84 %	75-120	1	08/18/11	was	08/18/11	was

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024728

Bis(2-ethylhexyl)phthalate	<0.96 ug/L	0.96	1	08/18/11	kb	08/19/11	gmr
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Surrogates:

Nitrobenzene-d5	* 34 %	36-103	1	08/18/11	kb	08/19/11	gmr	802
2-Fluorobiphenyl	41 %	36-119	1	08/18/11	kb	08/19/11	gmr	
Terphenyl-d14	51 %	37-109	1	08/18/11	kb	08/19/11	gmr	

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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-03 Date Collected: 08/16/11 13:10 Matrix: Ground Water
Sample ID: MW-19-17 Date Received: 08/17/11 10:52

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024786

1,3-Butadiene	<1.0 ug/L	1.0	1	08/18/11	was	08/18/11	was	N
Benzene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was	
Toluene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was	
Ethylbenzene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was	
m,p-Xylene	<1.0 ug/L	1.0	1	08/18/11	was	08/18/11	was	N
o-Xylene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was	N
Xylenes, total	<1.5 ug/L	1.5	1	08/18/11	was	08/18/11	was	

Surrogates:

1,2-Dichloroethane-d4	117 %	68-133	1	08/18/11	was	08/18/11	was
Toluene-d8	82 %	75-120	1	08/18/11	was	08/18/11	was

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024728

Bis(2-ethylhexyl)phthalate	<0.98 ug/L	0.98	1	08/18/11	kb	08/19/11	gmr
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Surrogates:

Nitrobenzene-d5	38 %	36-103	1	08/18/11	kb	08/19/11	gmr
2-Fluorobiphenyl	47 %	36-119	1	08/18/11	kb	08/19/11	gmr
Terphenyl-d14	57 %	37-109	1	08/18/11	kb	08/19/11	gmr

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	0.33 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-03 Date Collected: 08/16/11 13:10 Matrix: Ground Water
Sample ID: MW-19-17 Date Received: 08/17/11 10:52

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	<0.0030 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024710

Nitrate as N	0.44 mg/L	0.22	5	08/17/11	bd	08/17/11	bd		
Sulfate as SO ₄	3.8 mg/L	2.5	5	08/17/11	bd	08/17/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	0.99 mg/L	0.010	1	08/19/11	da	08/19/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024707

Total Dissolved Solids	430 mg/L	10	1	08/17/11	as	08/18/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024729

Total Suspended Solids	25 mg/L	4.0	1	08/18/11	as	08/18/11	as		
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Analysis Method: SM9215B

Batch: T024702

Heterotrophic Plate Count	150 CFU/ml	1.0	1	08/17/11	da	08/19/11	da		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	1400 ug/L	100	100	08/22/11	was	08/22/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-04 Date Collected: 08/16/11 14:33 Matrix: Ground Water
Sample ID: MW-19-15 Date Received: 08/17/11 10:52

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024751

Benzene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was		
Toluene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/17/11	was	08/17/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/17/11	was	08/17/11	was		

Surrogates:

1,2-Dichloroethane-d4	76 %	68-133	1	08/17/11	was	08/17/11	was		
Toluene-d8	89 %	75-120	1	08/17/11	was	08/17/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024728

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	08/18/11	kb	08/19/11	gmr		
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Surrogates:

Nitrobenzene-d5	50 %	36-103	1	08/18/11	kb	08/19/11	gmr		
2-Fluorobiphenyl	60 %	36-119	1	08/18/11	kb	08/19/11	gmr		
Terphenyl-d14	70 %	37-109	1	08/18/11	kb	08/19/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	<0.050 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	<0.0030 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-04 Date Collected: 08/16/11 14:33 Matrix: Ground Water
Sample ID: MW-19-15 Date Received: 08/17/11 10:52

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024710

Nitrate as N	0.34 mg/L	0.22	5	08/17/11	bd	08/17/11	bd		
Sulfate as SO4	24 mg/L	2.5	5	08/17/11	bd	08/17/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	0.28 mg/L	0.010	1	08/19/11	da	08/19/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024707

Total Dissolved Solids	750 mg/L	10	1	08/17/11	as	08/18/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024729

Total Suspended Solids	7.0 mg/L	4.0	1	08/18/11	as	08/18/11	as		
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Analysis Method: SM9215B

Batch: T024702

Heterotrophic Plate Count	3800 CFU/ml	1.0	1	08/17/11	da	08/19/11	da		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	12 ug/L	1.0	1	08/22/11	was	08/22/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-05 Date Collected: 08/16/11 15:45 Matrix: Ground Water
Sample ID: MW-19-16 Date Received: 08/17/11 10:52

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024751

Benzene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was		
Toluene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/17/11	was	08/17/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/17/11	was	08/17/11	was		

Surrogates:

1,2-Dichloroethane-d4	77 %	68-133	1	08/17/11	was	08/17/11	was		
Toluene-d8	87 %	75-120	1	08/17/11	was	08/17/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024728

Bis(2-ethylhexyl)phthalate	<0.96 ug/L	0.96	1	08/18/11	kb	08/19/11	gmr		
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Surrogates:

Nitrobenzene-d5	59 %	36-103	1	08/18/11	kb	08/19/11	gmr		
2-Fluorobiphenyl	70 %	36-119	1	08/18/11	kb	08/19/11	gmr		
Terphenyl-d14	80 %	37-109	1	08/18/11	kb	08/19/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	<0.050 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	<0.0030 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-05 Date Collected: 08/16/11 15:45 Matrix: Ground Water
Sample ID: MW-19-16 Date Received: 08/17/11 10:52

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024710

Nitrate as N	0.64 mg/L	0.22	5	08/17/11	bd	08/17/11	bd		
Sulfate as SO4	81 mg/L	2.5	5	08/17/11	bd	08/17/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	0.030 mg/L	0.010	1	08/19/11	da	08/19/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024707

Total Dissolved Solids	1100 mg/L	10	1	08/17/11	as	08/18/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024729

Total Suspended Solids	5.0 mg/L	4.0	1	08/18/11	as	08/18/11	as		
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Analysis Method: SM9215B

Batch: T024702

Heterotrophic Plate Count	44000 CFU/ml	1.0	1	08/17/11	da	08/19/11	da		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	2.5 ug/L	1.0	1	08/22/11	was	08/22/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-06 Date Collected: 08/16/11 11:59 Matrix: Ground Water
Sample ID: MW-25 (R) Date Received: 08/17/11 10:52

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024751

Benzene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was		
Toluene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/17/11	was	08/17/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/17/11	was	08/17/11	was		

Surrogates:

1,2-Dichloroethane-d4	76 %	68-133	1	08/17/11	was	08/17/11	was		
Toluene-d8	90 %	75-120	1	08/17/11	was	08/17/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024728

Bis(2-ethylhexyl)phthalate	1.8 ug/L	1.0	1	08/18/11	kb	08/19/11	gmr		
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Surrogates:

Nitrobenzene-d5	40 %	36-103	1	08/18/11	kb	08/19/11	gmr		
2-Fluorobiphenyl	48 %	36-119	1	08/18/11	kb	08/19/11	gmr		
Terphenyl-d14	53 %	37-109	1	08/18/11	kb	08/19/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	<0.050 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	0.10 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-06 Date Collected: 08/16/11 11:59 Matrix: Ground Water
Sample ID: MW-25 (R) Date Received: 08/17/11 10:52

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024710

Nitrate as N	0.24 mg/L	0.22	5	08/17/11	bd	08/17/11	bd		
Sulfate as SO4	4.8 mg/L	2.5	5	08/17/11	bd	08/17/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	0.16 mg/L	0.010	1	08/19/11	da	08/19/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024707

Total Dissolved Solids	330 mg/L	67	6.666667	08/17/11	as	08/18/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024729

Total Suspended Solids	1400 mg/L	27	6.666667	08/18/11	as	08/18/11	as		
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Analysis Method: SM9215B

Batch: T024702

Heterotrophic Plate Count	> 30000 CFU/ml	1.0	1	08/17/11	da	08/19/11	da		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	19 ug/L	1.0	1	08/22/11	was	08/22/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-07 Date Collected: 08/16/11 14:47 Matrix: Ground Water
Sample ID: MW-29S Date Received: 08/17/11 10:52

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024751

Benzene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was		
Toluene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/17/11	was	08/17/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/17/11	was	08/17/11	was		

Surrogates:

1,2-Dichloroethane-d4	77 %	68-133	1	08/17/11	was	08/17/11	was		
Toluene-d8	90 %	75-120	1	08/17/11	was	08/17/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024728

Bis(2-ethylhexyl)phthalate	<0.96 ug/L	0.96	1	08/18/11	kb	08/19/11	gmr		
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Surrogates:

Nitrobenzene-d5	38 %	36-103	1	08/18/11	kb	08/19/11	gmr		
2-Fluorobiphenyl	46 %	36-119	1	08/18/11	kb	08/19/11	gmr		
Terphenyl-d14	52 %	37-109	1	08/18/11	kb	08/19/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	0.35 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	<0.0030 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-07 Date Collected: 08/16/11 14:47 Matrix: Ground Water
Sample ID: MW-29S Date Received: 08/17/11 10:52

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024710

Nitrate as N	0.25 mg/L	0.22	5	08/17/11	bd	08/17/11	bd		
Sulfate as SO4	<2.5 mg/L	2.5	5	08/17/11	bd	08/17/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	4.5 mg/L	0.010	1	08/19/11	da	08/19/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024707

Total Dissolved Solids	450 mg/L	10	1	08/17/11	as	08/18/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024729

Total Suspended Solids	20 mg/L	4.0	1	08/18/11	as	08/18/11	as		
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Analysis Method: SM9215B

Batch: T024702

Heterotrophic Plate Count	250 CFU/ml	1.0	1	08/17/11	da	08/19/11	da		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	4200 ug/L	100	100	08/22/11	was	08/22/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-08 Date Collected: 08/16/11 16:34 Matrix: Ground Water
Sample ID: MW-8 Date Received: 08/17/11 10:52

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024751

Benzene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was		
Toluene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/17/11	was	08/17/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/17/11	was	08/17/11	was		

Surrogates:

1,2-Dichloroethane-d4	77 %	68-133	1	08/17/11	was	08/17/11	was		
Toluene-d8	90 %	75-120	1	08/17/11	was	08/17/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024848

Bis(2-ethylhexyl)phthalate	1.9 ug/L	0.99	1	08/23/11	kb	08/24/11	gmr		
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Surrogates:

Nitrobenzene-d5	39 %	36-103	1	08/23/11	kb	08/24/11	gmr		
2-Fluorobiphenyl	44 %	36-119	1	08/23/11	kb	08/24/11	gmr		
Terphenyl-d14	57 %	37-109	1	08/23/11	kb	08/24/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	0.052 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	<0.0030 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-08 Date Collected: 08/16/11 16:34 Matrix: Ground Water
Sample ID: MW-8 Date Received: 08/17/11 10:52

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024710

Nitrate as N	0.25 mg/L	0.22	5	08/17/11	bd	08/17/11	bd
Sulfate as SO4	<2.5 mg/L	2.5	5	08/17/11	bd	08/17/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	0.65 mg/L	0.010	1	08/19/11	da	08/19/11	sm
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Analysis Method: SM 2540 C-97

Batch: T024707

Total Dissolved Solids	450 mg/L	10	1	08/17/11	as	08/18/11	as
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Analysis Method: SM 2540 D-97

Batch: T024729

Total Suspended Solids	61 mg/L	4.0	1	08/18/11	as	08/18/11	as
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Analysis Method: SM9215B

Batch: T024702

Heterotrophic Plate Count	300 CFU/ml	1.0	1	08/17/11	da	08/19/11	da
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	3100 ug/L	100	100	08/22/11	was	08/22/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-09 Date Collected: 08/08/11 Matrix: Aqueous
Sample ID: TB-01 Date Received: 08/17/11 10:52

PARAMETERS	RESULTS UNITS	SDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024751

Benzene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was		
Toluene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/17/11	was	08/17/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/17/11	was	08/17/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/17/11	was	08/17/11	was		

Surrogates:

1,2-Dichloroethane-d4	77 %	68-133	1	08/17/11	was	08/17/11	was		
Toluene-d8	90 %	75-120	1	08/17/11	was	08/17/11	was		

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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-10 Date Collected: 08/17/11 08:48 Matrix: Ground Water
Sample ID: MW-19-14 Date Received: 08/18/11 10:35

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024786

Benzene	0.56 ug/L	0.50	1	08/18/11	was	08/18/11	was			
Toluene	2400 ug/L	25	50	08/19/11	was	08/19/11	was			
Ethylbenzene	190 ug/L	25	50	08/19/11	was	08/19/11	was			
m,p-Xylene	670 ug/L	50	50	08/19/11	was	08/19/11	was	N		
o-Xylene	200 ug/L	25	50	08/19/11	was	08/19/11	was	N		
Xylenes, total	860 ug/L	75	50	08/19/11	was	08/19/11	was			
Surrogates:										
1,2-Dichloroethane-d4	124 %	68-133	1	08/18/11	was	08/18/11	was			
1,2-Dichloroethane-d4	111 %	68-133	50	08/19/11	was	08/19/11	was			
Toluene-d8	83 %	75-120	1	08/18/11	was	08/18/11	was			
Toluene-d8	80 %	75-120	50	08/19/11	was	08/19/11	was			

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	08/22/11	kb	08/22/11	gmr			
Surrogates:										
Nitrobenzene-d5	64 %	36-103	1	08/22/11	kb	08/22/11	gmr			
2-Fluorobiphenyl	63 %	36-119	1	08/22/11	kb	08/22/11	gmr			
Terphenyl-d14	73 %	37-109	1	08/22/11	kb	08/22/11	gmr			

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	0.087 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-10 Date Collected: 08/17/11 08:48 Matrix: Ground Water
Sample ID: MW-19-14 Date Received: 08/18/11 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	<0.0030 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024742

Nitrate as N	0.40 mg/L	0.22	5	08/18/11	bd	08/18/11	bd		
Sulfate as SO ₄	83 mg/L	2.5	5	08/18/11	bd	08/18/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	0.061 mg/L	0.010	1	08/19/11	da	08/19/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024777

Total Dissolved Solids	1000 mg/L	10	1	08/19/11	as	08/22/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024776

Total Suspended Solids	15 mg/L	4.0	1	08/19/11	as	08/19/11	sm		
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Analysis Method: SM9215B

Batch: T024747

Heterotrophic Plate Count	1300 CFU/ml	1.0	1	08/18/11	da	08/20/11	da		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	85 ug/L	10	10	08/22/11	was	08/22/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-11 Date Collected: 08/17/11 10:45 Matrix: Ground Water
Sample ID: MW-19-13 Date Received: 08/18/11 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024814

Benzene	1.8 ug/L	0.50	1	08/19/11	was	08/19/11	was		
Toluene	0.64 ug/L	0.50	1	08/19/11	was	08/19/11	was		
Ethylbenzene	7.8 ug/L	0.50	1	08/19/11	was	08/19/11	was		
m,p-Xylene	57 ug/L	1.0	1	08/19/11	was	08/19/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was	N	
Xylenes, total	57 ug/L	1.5	1	08/19/11	was	08/19/11	was		
Surrogates:									
1,2-Dichloroethane-d4	109 %	68-133	1	08/19/11	was	08/19/11	was		
Toluene-d8	81 %	75-120	1	08/19/11	was	08/19/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	08/22/11	kb	08/22/11	gmr		
Surrogates:									
Nitrobenzene-d5	58 %	36-103	1	08/22/11	kb	08/22/11	gmr		
2-Fluorobiphenyl	66 %	36-119	1	08/22/11	kb	08/22/11	gmr		
Terphenyl-d14	74 %	37-109	1	08/22/11	kb	08/22/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	0.18 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	<0.0030 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-11 Date Collected: 08/17/11 10:45 Matrix: Ground Water
Sample ID: MW-19-13 Date Received: 08/18/11 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024742

Nitrate as N	<0.22 mg/L	0.22	5	08/18/11	bd	08/18/11	bd		
Sulfate as SO ₄	14 mg/L	2.5	5	08/18/11	bd	08/18/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	0.24 mg/L	0.010	1	08/19/11	da	08/19/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024777

Total Dissolved Solids	590 mg/L	10	1	08/19/11	as	08/22/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024776

Total Suspended Solids	28 mg/L	4.0	1	08/19/11	as	08/19/11	sm		
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Analysis Method: SM9215B

Batch: T024747

Heterotrophic Plate Count	100 CFU/ml	1.0	1	08/18/11	da	08/20/11	da		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	4500 ug/L	100	100	08/22/11	was	08/22/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-12 Date Collected: 08/17/11 13:33 Matrix: Ground Water
Sample ID: MW-19-6R Date Received: 08/18/11 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024869

Benzene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
Toluene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/22/11	was	08/23/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/22/11	was	08/23/11	was		

Surrogates:

1,2-Dichloroethane-d4	109 %	68-133	1	08/22/11	was	08/23/11	was		
Toluene-d8	82 %	75-120	1	08/22/11	was	08/23/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	<0.96 ug/L	0.96	1	08/22/11	kb	08/22/11	gmr		
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Surrogates:

Nitrobenzene-d5	57 %	36-103	1	08/22/11	kb	08/22/11	gmr		
2-Fluorobiphenyl	66 %	36-119	1	08/22/11	kb	08/22/11	gmr		
Terphenyl-d14	74 %	37-109	1	08/22/11	kb	08/22/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	<0.050 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	<0.0030 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-12 Date Collected: 08/17/11 13:33 Matrix: Ground Water
Sample ID: MW-19-6R Date Received: 08/18/11 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024742

Nitrate as N	1.3 mg/L	0.22	5	08/18/11	bd	08/18/11	bd		
Sulfate as SO4	38 mg/L	2.5	5	08/18/11	bd	08/18/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	0.018 mg/L	0.010	1	08/19/11	da	08/19/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024777

Total Dissolved Solids	740 mg/L	10	1	08/19/11	as	08/22/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024776

Total Suspended Solids	<4.0 mg/L	4.0	1	08/19/11	as	08/19/11	sm		
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Analysis Method: SM9215B

Batch: T024747

Heterotrophic Plate Count	450 CFU/ml	1.0	1	08/18/11	da	08/20/11	da		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	32 ug/L	1.0	1	08/22/11	was	08/22/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-13 Date Collected: 08/17/11 14:00 Matrix: Aqueous
Sample ID: ATM-01 Date Received: 08/18/11 10:35

PARAMETERS	RESULTS UNITS	SDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024786

Benzene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was		
Toluene	0.54 ug/L	0.50	1	08/18/11	was	08/18/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/18/11	was	08/18/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/18/11	was	08/18/11	was		
Surrogates:									
1,2-Dichloroethane-d4	106 %	68-133	1	08/18/11	was	08/18/11	was		
Toluene-d8	84 %	75-120	1	08/18/11	was	08/18/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	<0.96 ug/L	0.96	1	08/22/11	kb	08/22/11	gmr		
Surrogates:									
Nitrobenzene-d5	59 %	36-103	1	08/22/11	kb	08/22/11	gmr		
2-Fluorobiphenyl	64 %	36-119	1	08/22/11	kb	08/22/11	gmr		
Terphenyl-d14	73 %	37-109	1	08/22/11	kb	08/22/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	<0.050 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm		
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Analysis Method: EPA 6020

Batch: T024879

Lead	<0.0030 mg/L	0.0030	5	08/25/11	ns	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-13 Date Collected: 08/17/11 14:00 Matrix: Aqueous
Sample ID: ATM-01 Date Received: 08/18/11 10:35

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024742

Nitrate as N	<0.22 mg/L	0.22	5	08/18/11	bd	08/18/11	bd
Sulfate as SO4	<2.5 mg/L	2.5	5	08/18/11	bd	08/18/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	0.020 mg/L	0.010	1	08/19/11	da	08/19/11	sm
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Analysis Method: SM 2540 C-97

Batch: T024777

Total Dissolved Solids	<10 mg/L	10	1	08/19/11	as	08/22/11	as
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Analysis Method: SM 2540 D-97

Batch: T024776

Total Suspended Solids	<4.0 mg/L	4.0	1	08/19/11	as	08/19/11	sm
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Analysis Method: SM9215B

Batch: T024747

Heterotrophic Plate Count	<1.0 CFU/ml	1.0	1	08/18/11	da	08/20/11	da
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	<1.0 ug/L	1.0	1	08/22/11	was	08/22/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-14 Date Collected: 08/17/11 14:42 Matrix: Ground Water
Sample ID: MW-19-7R Date Received: 08/18/11 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024786

Benzene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was		
Toluene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/18/11	was	08/18/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/18/11	was	08/18/11	was		

Surrogates:

1,2-Dichloroethane-d4	105 %	68-133	1	08/18/11	was	08/18/11	was		
Toluene-d8	83 %	75-120	1	08/18/11	was	08/18/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	3.1 ug/L	0.95	1	08/22/11	kb	08/22/11	gmr		
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Surrogates:

Nitrobenzene-d5	54 %	36-103	1	08/22/11	kb	08/22/11	gmr		
2-Fluorobiphenyl	59 %	36-119	1	08/22/11	kb	08/22/11	gmr		
Terphenyl-d14	63 %	37-109	1	08/22/11	kb	08/22/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	0.31 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	<0.0030 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-14 Date Collected: 08/17/11 14:42 Matrix: Ground Water
Sample ID: MW-19-7R Date Received: 08/18/11 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024742

Nitrate as N	3.0 mg/L	0.22	5	08/18/11	bd	08/18/11	bd		
Sulfate as SO ₄	36 mg/L	2.5	5	08/18/11	bd	08/18/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	0.14 mg/L	0.010	1	08/19/11	da	08/19/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024777

Total Dissolved Solids	670 mg/L	10	1	08/19/11	as	08/22/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024776

Total Suspended Solids	<4.0 mg/L	4.0	1	08/19/11	as	08/19/11	sm		
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Analysis Method: SM9215B

Batch: T024747

Heterotrophic Plate Count	150 CFU/ml	1.0	1	08/18/11	da	08/20/11	da		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	1.1 ug/L	1.0	1	08/22/11	was	08/22/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-15 Date Collected: 08/17/11 15:47 Matrix: Ground Water
Sample ID: MW-19R Date Received: 08/18/11 10:35

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024786

Benzene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was		
Toluene	230 ug/L	5.0	10	08/18/11	was	08/23/11	was		
Ethylbenzene	39 ug/L	0.50	1	08/18/11	was	08/18/11	was		
m,p-Xylene	93 ug/L	1.0	1	08/18/11	was	08/18/11	was	N	
o-Xylene	29 ug/L	0.50	1	08/18/11	was	08/18/11	was	N	
Xylenes, total	120 ug/L	1.5	1	08/18/11	was	08/18/11	was		

Surrogates:

1,2-Dichloroethane-d4	116 %	68-133	1	08/18/11	was	08/18/11	was		
1,2-Dichloroethane-d4	108 %	68-133	10	08/18/11	was	08/23/11	was		
Toluene-d8	82 %	75-120	1	08/18/11	was	08/18/11	was		
Toluene-d8	82 %	75-120	10	08/18/11	was	08/23/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	<0.98 ug/L	0.98	1	08/22/11	kb	08/22/11	gmr		
Nitrobenzene-d5	53 %	36-103	1	08/22/11	kb	08/22/11	gmr		
2-Fluorobiphenyl	57 %	36-119	1	08/22/11	kb	08/22/11	gmr		
Terphenyl-d14	62 %	37-109	1	08/22/11	kb	08/22/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	<0.050 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-15 Date Collected: 08/17/11 15:47 Matrix: Ground Water
Sample ID: MW-19R Date Received: 08/18/11 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	0.049 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024742

Nitrate as N	0.63 mg/L	0.22	5	08/18/11	bd	08/18/11	bd		
Sulfate as SO ₄	35 mg/L	2.5	5	08/18/11	bd	08/18/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	0.050 mg/L	0.010	1	08/19/11	da	08/19/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024777

Total Dissolved Solids	780 mg/L	10	1	08/19/11	as	08/22/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024776

Total Suspended Solids	8.0 mg/L	4.0	1	08/19/11	as	08/19/11	sm		
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Analysis Method: SM9215B

Batch: T024747

Heterotrophic Plate Count	180 CFU/ml	1.0	1	08/18/11	da	08/20/11	da		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	16 ug/L	1.0	1	08/22/11	was	08/22/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-16 Date Collected: 08/17/11 16:48 Matrix: Ground Water
Sample ID: MW-19-5R Date Received: 08/18/11 10:35

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024869

Benzene	8.8 ug/L	0.50	1	08/22/11	was	08/23/11	was	
Toluene	55000 ug/L	250	500	08/22/11	was	08/22/11	was	
Ethylbenzene	2600 ug/L	25	50	08/19/11	was	08/19/11	was	
m,p-Xylene	10000 ug/L	50	50	08/19/11	was	08/19/11	was	N
o-Xylene	2700 ug/L	25	50	08/19/11	was	08/19/11	was	N
Xylenes, total	13000 ug/L	75	50	08/19/11	was	08/19/11	was	
Surrogates:								
1,2-Dichloroethane-d4	107 %	68-133	1	08/22/11	was	08/23/11	was	
1,2-Dichloroethane-d4	103 %	68-133	50	08/19/11	was	08/19/11	was	
1,2-Dichloroethane-d4	124 %	68-133	500	08/22/11	was	08/22/11	was	
Toluene-d8	92 %	75-120	1	08/22/11	was	08/23/11	was	
Toluene-d8	82 %	75-120	50	08/19/11	was	08/19/11	was	
Toluene-d8	85 %	75-120	500	08/22/11	was	08/22/11	was	

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	1.4 ug/L	0.95	1	08/22/11	kb	08/22/11	gmr
Surrogates:							
Nitrobenzene-d5	69 %	36-103	1	08/22/11	kb	08/22/11	gmr
2-Fluorobiphenyl	75 %	36-119	1	08/22/11	kb	08/22/11	gmr
Terphenyl-d14	75 %	37-109	1	08/22/11	kb	08/22/11	gmr

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	0.25 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-16 Date Collected: 08/17/11 16:48 Matrix: Ground Water
Sample ID: MW-19-5R Date Received: 08/18/11 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	<0.0030 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024742

Nitrate as N	<0.22 mg/L	0.22	5	08/18/11	bd	08/18/11	bd		
Sulfate as SO ₄	15 mg/L	2.5	5	08/18/11	bd	08/18/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	0.37 mg/L	0.010	1	08/19/11	da	08/19/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024777

Total Dissolved Solids	770 mg/L	10	1	08/19/11	as	08/22/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024776

Total Suspended Solids	36 mg/L	4.0	1	08/19/11	as	08/19/11	sm		
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Analysis Method: SM9215B

Batch: T024747

Heterotrophic Plate Count	2100 CFU/ml	1.0	1	08/18/11	da	08/20/11	da		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	5700 ug/L	100	100	08/22/11	was	08/22/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-17 Date Collected: 08/17/11 10:44 Matrix: Ground Water
Sample ID: MW-30s Date Received: 08/18/11 10:35

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024869

Benzene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
Toluene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
Ethylbenzene	2.1 ug/L	0.50	1	08/22/11	was	08/23/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/22/11	was	08/23/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/22/11	was	08/23/11	was		
Surrogates:									
1,2-Dichloroethane-d4	113 %	68-133	1	08/22/11	was	08/23/11	was		
Toluene-d8	77 %	75-120	1	08/22/11	was	08/23/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	940 ug/L	9.5	10	08/22/11	kb	08/22/11	gmr		
Surrogates:									
Nitrobenzene-d5	* %	36-103	10	08/22/11	kb	08/22/11	gmr	302	
2-Fluorobiphenyl	58 %	36-119	10	08/22/11	kb	08/22/11	gmr		
Terphenyl-d14	66 %	37-109	10	08/22/11	kb	08/22/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	0.24 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	<0.0030 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-17 Date Collected: 08/17/11 10:44 Matrix: Ground Water
Sample ID: MW-30s Date Received: 08/18/11 10:35

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024742

Nitrate as N	<0.22 mg/L	0.22	5	08/18/11	bd	08/18/11	bd
Sulfate as SO4	<2.5 mg/L	2.5	5	08/18/11	bd	08/18/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	0.96 mg/L	0.010	1	08/19/11	da	08/19/11	sm
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Analysis Method: SM 2540 C-97

Batch: T024777

Total Dissolved Solids	360 mg/L	10	1	08/19/11	as	08/22/11	as
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Analysis Method: SM 2540 D-97

Batch: T024776

Total Suspended Solids	66 mg/L	4.0	1	08/19/11	as	08/19/11	sm
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Analysis Method: SM9215B

Batch: T024747

Heterotrophic Plate Count	300000 CFU/ml	1.0	1	08/18/11	da	08/20/11	da
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	2700 ug/L	100	100	08/22/11	was	08/22/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-18 Date Collected: 08/17/11 12:19 Matrix: Ground Water
Sample ID: MW-30i Date Received: 08/18/11 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024786

Benzene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was		
Toluene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/18/11	was	08/18/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/18/11	was	08/18/11	was		

Surrogates:

1,2-Dichloroethane-d4	124 %	68-133	1	08/18/11	was	08/18/11	was		
Toluene-d8	84 %	75-120	1	08/18/11	was	08/18/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	1.5 ug/L	1.0	1	08/22/11	kb	08/22/11	gmr		
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Surrogates:

Nitrobenzene-d5	57 %	36-103	1	08/22/11	kb	08/22/11	gmr		
2-Fluorobiphenyl	58 %	36-119	1	08/22/11	kb	08/22/11	gmr		
Terphenyl-d14	73 %	37-109	1	08/22/11	kb	08/22/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	0.34 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	<0.0030 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-18 Date Collected: 08/17/11 12:19 Matrix: Ground Water
Sample ID: MW-30i Date Received: 08/18/11 10:35

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024742

Nitrate as N	<0.22 mg/L	0.22	5	08/18/11	bd	08/18/11	bd
Sulfate as SO4	<2.5 mg/L	2.5	5	08/18/11	bd	08/18/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	0.79 mg/L	0.010	1	08/19/11	da	08/19/11	sm
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Analysis Method: SM 2540 C-97

Batch: T024777

Total Dissolved Solids	380 mg/L	10	1	08/19/11	as	08/22/11	as
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Analysis Method: SM 2540 D-97

Batch: T024776

Total Suspended Solids	28 mg/L	4.0	1	08/19/11	as	08/19/11	sm
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Analysis Method: SM9215B

Batch: T024747

Heterotrophic Plate Count	350 CFU/ml	1.0	1	08/18/11	da	08/20/11	da
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	940 ug/L	100	100	08/22/11	was	08/22/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-19 Date Collected: 08/17/11 14:46 Matrix: Ground Water
Sample ID: MW-30d Date Received: 08/18/11 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024786

Benzene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was		
Toluene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/18/11	was	08/18/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/18/11	was	08/18/11	was		

Surrogates:

1,2-Dichloroethane-d4	105 %	68-133	1	08/18/11	was	08/18/11	was		
Toluene-d8	84 %	75-120	1	08/18/11	was	08/18/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	<0.99 ug/L	0.99	1	08/22/11	kb	08/23/11	gmr		
Nitrobenzene-d5	47 %	36-103	1	08/22/11	kb	08/23/11	gmr		
2-Fluorobiphenyl	48 %	36-119	1	08/22/11	kb	08/23/11	gmr		
Terphenyl-d14	55 %	37-109	1	08/22/11	kb	08/23/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	<0.050 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	<0.0030 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-19 Date Collected: 08/17/11 14:46 Matrix: Ground Water
Sample ID: MW-30d Date Received: 08/18/11 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024742

Nitrate as N	0.29 mg/L	0.22	5	08/18/11	bd	08/18/11	bd		
Sulfate as SO4	8.7 mg/L	2.5	5	08/18/11	bd	08/18/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	0.098 mg/L	0.010	1	08/19/11	da	08/19/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024777

Total Dissolved Solids	350 mg/L	10	1	08/19/11	as	08/22/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024776

Total Suspended Solids	5.0 mg/L	4.0	1	08/19/11	as	08/19/11	sm		
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Analysis Method: SM9215B

Batch: T024747

Heterotrophic Plate Count	1100 CFU/ml	1.0	1	08/18/11	da	08/20/11	da		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	64 ug/L	10	10	08/22/11	was	08/22/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-20 Date Collected: 08/17/11 15:53 Matrix: Ground Water
Sample ID: MW-28s Date Received: 08/18/11 10:35

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024814

Benzene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
Toluene	0.82 ug/L	0.50	1	08/19/11	was	08/19/11	was		
Ethylbenzene	1.4 ug/L	0.50	1	08/19/11	was	08/19/11	was		
m,p-Xylene	2.7 ug/L	1.0	1	08/19/11	was	08/19/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was	N	
Xylenes, total	2.7 ug/L	1.5	1	08/19/11	was	08/19/11	was		
Surrogates:									
1,2-Dichloroethane-d4	127 %	68-133	1	08/19/11	was	08/19/11	was		
Toluene-d8	83 %	75-120	1	08/19/11	was	08/19/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	650 ug/L	20	20	08/22/11	kb	08/23/11	gmr		
Surrogates:									
Nitrobenzene-d5	* %	36-103	20	08/22/11	kb	08/23/11	gmr	302	
2-Fluorobiphenyl	* %	36-119	20	08/22/11	kb	08/23/11	gmr	302	
Terphenyl-d14	* %	37-109	20	08/22/11	kb	08/23/11	gmr	302	

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	0.35 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	<0.0030 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-20 Date Collected: 08/17/11 15:53 Matrix: Ground Water
Sample ID: MW-28s Date Received: 08/18/11 10:35

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024742

Nitrate as N	<0.22 mg/L	0.22	5	08/18/11	bd	08/18/11	bd
Sulfate as SO4	<2.5 mg/L	2.5	5	08/18/11	bd	08/18/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	0.24 mg/L	0.010	1	08/19/11	da	08/19/11	sm
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Analysis Method: SM 2540 C-97

Batch: T024777

Total Dissolved Solids	430 mg/L	10	1	08/19/11	as	08/22/11	as
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Analysis Method: SM 2540 D-97

Batch: T024776

Total Suspended Solids	45 mg/L	4.0	1	08/19/11	as	08/19/11	sm
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Analysis Method: SM9215B

Batch: T024747

Heterotrophic Plate Count	120 CFU/ml	1.0	1	08/18/11	da	08/20/11	da
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	1100 ug/L	100	100	08/22/11	was	08/22/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-21 Date Collected: 08/17/11 17:09 Matrix: Ground Water
Sample ID: MW-28i Date Received: 08/18/11 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024786

Benzene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was		
Toluene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/18/11	was	08/18/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/18/11	was	08/18/11	was		

Surrogates:

1,2-Dichloroethane-d4	117 %	68-133	1	08/18/11	was	08/18/11	was		
Toluene-d8	85 %	75-120	1	08/18/11	was	08/18/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	95 ug/L	0.99	1	08/22/11	kb	08/22/11	gmr		
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Surrogates:

Nitrobenzene-d5	59 %	36-103	1	08/22/11	kb	08/22/11	gmr		
2-Fluorobiphenyl	64 %	36-119	1	08/22/11	kb	08/22/11	gmr		
Terphenyl-d14	72 %	37-109	1	08/22/11	kb	08/22/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	0.31 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	<0.0030 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-21 Date Collected: 08/17/11 17:09 Matrix: Ground Water
Sample ID: MW-28i Date Received: 08/18/11 10:35

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024742

Nitrate as N	<0.22 mg/L	0.22	5	08/18/11	bd	08/18/11	bd
Sulfate as SO4	<2.5 mg/L	2.5	5	08/18/11	bd	08/18/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024768

Ammonia as N	0.40 mg/L	0.010	1	08/19/11	da	08/19/11	sm
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Analysis Method: SM 2540 C-97

Batch: T024777

Total Dissolved Solids	460 mg/L	10	1	08/19/11	as	08/22/11	as
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Analysis Method: SM 2540 D-97

Batch: T024776

Total Suspended Solids	32 mg/L	4.0	1	08/19/11	as	08/19/11	sm
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Analysis Method: SM9215B

Batch: T024747

Heterotrophic Plate Count	20 CFU/ml	1.0	1	08/18/11	da	08/20/11	da
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	1400 ug/L	50	50	08/22/11	was	08/22/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-22 Date Collected: 08/17/11 Matrix: Ground Water
Sample ID: Dup-01 Date Received: 08/18/11 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024786

Benzene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was		
Toluene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was		
Ethylbenzene	2.8 ug/L	0.50	1	08/18/11	was	08/18/11	was		
m,p-Xylene	1.0 ug/L	1.0	1	08/18/11	was	08/18/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/18/11	was	08/18/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/18/11	was	08/18/11	was		
Surrogates:									
1,2-Dichloroethane-d4	119 %	68-133	1	08/18/11	was	08/18/11	was		
Toluene-d8	80 %	75-120	1	08/18/11	was	08/18/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	1100 ug/L	9.9	10	08/22/11	kb	08/23/11	gmr		
Surrogates:									
Nitrobenzene-d5	* %	36-103	10	08/22/11	kb	08/23/11	gmr	302	
2-Fluorobiphenyl	54 %	36-119	10	08/22/11	kb	08/23/11	gmr		
Terphenyl-d14	63 %	37-109	10	08/22/11	kb	08/23/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024879

Phosphorus	0.28 mg/L	0.050	1	08/25/11	ns	08/25/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	<0.0030 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-22 Date Collected: 08/17/11 Matrix: Ground Water
Sample ID: Dup-01 Date Received: 08/18/11 10:35

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024742

Nitrate as N	<0.22 mg/L	0.22	5	08/18/11	bd	08/18/11	bd
Sulfate as SO4	<2.5 mg/L	2.5	5	08/18/11	bd	08/18/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024769

Ammonia as N	0.96 mg/L	0.010	1	08/19/11	da	08/19/11	sm
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Analysis Method: SM 2540 C-97

Batch: T024777

Total Dissolved Solids	370 mg/L	10	1	08/19/11	as	08/22/11	as
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Analysis Method: SM 2540 D-97

Batch: T024776

Total Suspended Solids	75 mg/L	4.0	1	08/19/11	as	08/19/11	sm
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Analysis Method: SM9215B

Batch: T024747

Heterotrophic Plate Count	> 30000 CFU/ml	1.0	1	08/18/11	da	08/20/11	da
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	1000 ug/L	50	50	08/22/11	was	08/23/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-23 Date Collected: 08/17/11 Matrix: Ground Water
Sample ID: Dup-02 Date Received: 08/18/11 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024786

Benzene	10 ug/L	0.50	1	08/18/11	was	08/18/11	was		
Toluene	52000 ug/L	250	500	08/22/11	was	08/22/11	was		
Ethylbenzene	2600 ug/L	25	50	08/19/11	was	08/19/11	was		
m,p-Xylene	10000 ug/L	50	50	08/19/11	was	08/19/11	was	N	
o-Xylene	2700 ug/L	25	50	08/19/11	was	08/19/11	was	N	
Xylenes, total	13000 ug/L	75	50	08/19/11	was	08/19/11	was		
Surrogates:									
1,2-Dichloroethane-d4	101 %	68-133	1	08/18/11	was	08/18/11	was		
1,2-Dichloroethane-d4	119 %	68-133	50	08/19/11	was	08/19/11	was		
1,2-Dichloroethane-d4	127 %	68-133	500	08/22/11	was	08/22/11	was		
Toluene-d8	96 %	75-120	1	08/18/11	was	08/18/11	was		
Toluene-d8	82 %	75-120	50	08/19/11	was	08/19/11	was		
Toluene-d8	82 %	75-120	500	08/22/11	was	08/22/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	1.1 ug/L	0.99	1	08/22/11	kb	08/22/11	gmr		
Surrogates:									
Nitrobenzene-d5	64 %	36-103	1	08/22/11	kb	08/22/11	gmr		
2-Fluorobiphenyl	66 %	36-119	1	08/22/11	kb	08/22/11	gmr		
Terphenyl-d14	74 %	37-109	1	08/22/11	kb	08/22/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024844

Phosphorus	0.23 mg/L	0.050	1	08/24/11	ns	08/24/11	jlm		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-23 Date Collected: 08/17/11 Matrix: Ground Water
Sample ID: Dup-02 Date Received: 08/18/11 10:35

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024717

Lead	0.0032 mg/L	0.0030	1	08/18/11	jd	08/25/11	jd		
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024742

Nitrate as N	<0.22 mg/L	0.22	5	08/18/11	bd	08/18/11	bd		
Sulfate as SO ₄	18 mg/L	2.5	5	08/18/11	bd	08/18/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024769

Ammonia as N	0.44 mg/L	0.010	1	08/19/11	da	08/19/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024777

Total Dissolved Solids	780 mg/L	10	1	08/19/11	as	08/22/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024776

Total Suspended Solids	34 mg/L	4.0	1	08/19/11	as	08/19/11	sm		
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Analysis Method: SM9215B

Batch: T024747

Heterotrophic Plate Count	3600 CFU/ml	1.0	1	08/18/11	da	08/20/11	da		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	6300 ug/L	200	200	08/22/11	was	08/23/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-24 Date Collected: 08/08/11 Matrix: Aqueous
Sample ID: TB-02 Date Received: 08/18/11 10:35

PARAMETERS	RESULTS UNITS	SDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024842

Benzene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
Toluene	1.3 ug/L	0.50	1	08/19/11	was	08/19/11	was	900a	
Ethylbenzene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/19/11	was	08/19/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/19/11	was	08/19/11	was		
Surrogates:									
1,2-Dichloroethane-d4	129 %	68-133	1	08/19/11	was	08/19/11	was		
Toluene-d8	81 %	75-120	1	08/19/11	was	08/19/11	was		

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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-25 Date Collected: 08/18/11 08:30 Matrix: Surface Water
Sample ID: DRC-02 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	SDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024841

Benzene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was		
Toluene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/22/11	was	08/22/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/22/11	was	08/22/11	was		

Surrogates:

1,2-Dichloroethane-d4	109 %	68-133	1	08/22/11	was	08/22/11	was		
Toluene-d8	86 %	75-120	1	08/22/11	was	08/22/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	08/22/11	kb	08/23/11	gmr		
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Surrogates:

Nitrobenzene-d5	57 %	36-103	1	08/22/11	kb	08/23/11	gmr		
2-Fluorobiphenyl	60 %	36-119	1	08/22/11	kb	08/23/11	gmr		
Terphenyl-d14	72 %	37-109	1	08/22/11	kb	08/23/11	gmr		

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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-26 Date Collected: 08/18/11 08:35 Matrix: Surface Water
Sample ID: SW-D-5 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024869

Benzene	<0.50 ug/L	0.50	1	08/19/11	was	08/23/11	was		
Toluene	<0.50 ug/L	0.50	1	08/19/11	was	08/23/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/19/11	was	08/23/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/19/11	was	08/23/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/19/11	was	08/23/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/19/11	was	08/23/11	was		

Surrogates:

1,2-Dichloroethane-d4	110 %	68-133	1	08/19/11	was	08/23/11	was		
Toluene-d8	82 %	75-120	1	08/19/11	was	08/23/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	08/22/11	kb	08/23/11	gmr		
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Surrogates:

Nitrobenzene-d5	51 %	36-103	1	08/22/11	kb	08/23/11	gmr		
2-Fluorobiphenyl	55 %	36-119	1	08/22/11	kb	08/23/11	gmr		
Terphenyl-d14	71 %	37-109	1	08/22/11	kb	08/23/11	gmr		

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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-27 Date Collected: 08/18/11 08:45 Matrix: Surface Water
Sample ID: SW-R-1 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	SDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024814

Benzene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
Toluene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/19/11	was	08/19/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/19/11	was	08/19/11	was		

Surrogates:

1,2-Dichloroethane-d4	120 %	68-133	1	08/19/11	was	08/19/11	was		
Toluene-d8	82 %	75-120	1	08/19/11	was	08/19/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	08/22/11	kb	08/23/11	gmr		
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Surrogates:

Nitrobenzene-d5	66 %	36-103	1	08/22/11	kb	08/23/11	gmr		
2-Fluorobiphenyl	62 %	36-119	1	08/22/11	kb	08/23/11	gmr		
Terphenyl-d14	77 %	37-109	1	08/22/11	kb	08/23/11	gmr		

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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-28 Date Collected: 08/18/11 08:55 Matrix: Surface Water
Sample ID: SW-R-2 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024814

Benzene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
Toluene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/19/11	was	08/19/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/19/11	was	08/19/11	was		

Surrogates:

1,2-Dichloroethane-d4	104 %	68-133	1	08/19/11	was	08/19/11	was		
Toluene-d8	82 %	75-120	1	08/19/11	was	08/19/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	08/22/11	kb	08/22/11	gmr		
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Surrogates:

Nitrobenzene-d5	58 %	36-103	1	08/22/11	kb	08/22/11	gmr		
2-Fluorobiphenyl	58 %	36-119	1	08/22/11	kb	08/22/11	gmr		
Terphenyl-d14	73 %	37-109	1	08/22/11	kb	08/22/11	gmr		

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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-29 Date Collected: 08/18/11 09:10 Matrix: Surface Water
Sample ID: SW-R-3 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	SDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024814

Benzene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
Toluene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/19/11	was	08/19/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/19/11	was	08/19/11	was		

Surrogates:

1,2-Dichloroethane-d4	107 %	68-133	1	08/19/11	was	08/19/11	was		
Toluene-d8	83 %	75-120	1	08/19/11	was	08/19/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	08/22/11	kb	08/23/11	gmr		
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Surrogates:

Nitrobenzene-d5	54 %	36-103	1	08/22/11	kb	08/23/11	gmr		
2-Fluorobiphenyl	58 %	36-119	1	08/22/11	kb	08/23/11	gmr		
Terphenyl-d14	67 %	37-109	1	08/22/11	kb	08/23/11	gmr		

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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-30 Date Collected: 08/18/11 09:20 Matrix: Surface Water
Sample ID: SW-R-4 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	SDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024814

Benzene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
Toluene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/19/11	was	08/19/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/19/11	was	08/19/11	was		

Surrogates:

1,2-Dichloroethane-d4	122 %	68-133	1	08/19/11	was	08/19/11	was		
Toluene-d8	84 %	75-120	1	08/19/11	was	08/19/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024793

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	08/22/11	kb	08/23/11	gmr		
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Surrogates:

Nitrobenzene-d5	44 %	36-103	1	08/22/11	kb	08/23/11	gmr		
2-Fluorobiphenyl	47 %	36-119	1	08/22/11	kb	08/23/11	gmr		
Terphenyl-d14	54 %	37-109	1	08/22/11	kb	08/23/11	gmr		

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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-31 Date Collected: 08/18/11 09:40 Matrix: Surface Water
Sample ID: SW-D-4 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	SDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024814

Benzene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
Toluene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/19/11	was	08/19/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/19/11	was	08/19/11	was		

Surrogates:

1,2-Dichloroethane-d4	110 %	68-133	1	08/19/11	was	08/19/11	was		
Toluene-d8	83 %	75-120	1	08/19/11	was	08/19/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024848

Bis(2-ethylhexyl)phthalate	9.1 ug/L	0.95	1	08/24/11	kb	08/24/11	gmr		
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Surrogates:

Nitrobenzene-d5	46 %	36-103	1	08/24/11	kb	08/24/11	gmr		
2-Fluorobiphenyl	52 %	36-119	1	08/24/11	kb	08/24/11	gmr		
Terphenyl-d14	67 %	37-109	1	08/24/11	kb	08/24/11	gmr		

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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-32 Date Collected: 08/18/11 10:00 Matrix: Surface Water
Sample ID: SW-R-6 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RD L	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024814

Benzene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
Toluene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/19/11	was	08/19/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/19/11	was	08/19/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/19/11	was	08/19/11	was		

Surrogates:

1,2-Dichloroethane-d4	125 %	68-133	1	08/19/11	was	08/19/11	was		
Toluene-d8	83 %	75-120	1	08/19/11	was	08/19/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024848

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	08/24/11	kb	08/24/11	gmr		
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Surrogates:

Nitrobenzene-d5	50 %	36-103	1	08/24/11	kb	08/24/11	gmr		
2-Fluorobiphenyl	58 %	36-119	1	08/24/11	kb	08/24/11	gmr		
Terphenyl-d14	71 %	37-109	1	08/24/11	kb	08/24/11	gmr		

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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-33 Date Collected: 08/18/11 10:20 Matrix: Surface Water
Sample ID: SW-D-3 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	SDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024841

Benzene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was		
Toluene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/22/11	was	08/22/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/22/11	was	08/22/11	was		

Surrogates:

1,2-Dichloroethane-d4	125 %	68-133	1	08/22/11	was	08/22/11	was		
Toluene-d8	81 %	75-120	1	08/22/11	was	08/22/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024848

Bis(2-ethylhexyl)phthalate	5.4 ug/L	0.95	1	08/24/11	kb	08/24/11	gmr		
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Surrogates:

Nitrobenzene-d5	49 %	36-103	1	08/24/11	kb	08/24/11	gmr		
2-Fluorobiphenyl	56 %	36-119	1	08/24/11	kb	08/24/11	gmr		
Terphenyl-d14	67 %	37-109	1	08/24/11	kb	08/24/11	gmr		

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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-34 Date Collected: 08/18/11 10:30 Matrix: Surface Water
Sample ID: SW-D-2 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	SDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024841

Benzene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was		
Toluene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/22/11	was	08/22/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/22/11	was	08/22/11	was		

Surrogates:

1,2-Dichloroethane-d4	106 %	68-133	1	08/22/11	was	08/22/11	was		
Toluene-d8	83 %	75-120	1	08/22/11	was	08/22/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024848

Bis(2-ethylhexyl)phthalate	8.2 ug/L	0.95	1	08/24/11	kb	08/24/11	gmr		
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Surrogates:

Nitrobenzene-d5	47 %	36-103	1	08/24/11	kb	08/24/11	gmr		
2-Fluorobiphenyl	57 %	36-119	1	08/24/11	kb	08/24/11	gmr		
Terphenyl-d14	75 %	37-109	1	08/24/11	kb	08/24/11	gmr		

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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-35 Date Collected: 08/18/11 10:40 Matrix: Surface Water
Sample ID: SW-D-1 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024841

Benzene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was		
Toluene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/22/11	was	08/22/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/22/11	was	08/22/11	was		

Surrogates:

1,2-Dichloroethane-d4	107 %	68-133	1	08/22/11	was	08/22/11	was		
Toluene-d8	84 %	75-120	1	08/22/11	was	08/22/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024848

Bis(2-ethylhexyl)phthalate	5.9 ug/L	0.95	1	08/24/11	kb	08/24/11	gmr		
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Surrogates:

Nitrobenzene-d5	49 %	36-103	1	08/24/11	kb	08/24/11	gmr		
2-Fluorobiphenyl	55 %	36-119	1	08/24/11	kb	08/24/11	gmr		
Terphenyl-d14	65 %	37-109	1	08/24/11	kb	08/24/11	gmr		

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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-36 Date Collected: 08/18/11 Matrix: Surface Water
Sample ID: Dup-03 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024841

Benzene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was		
Toluene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/22/11	was	08/22/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/22/11	was	08/22/11	was		

Surrogates:

1,2-Dichloroethane-d4	108 %	68-133	1	08/22/11	was	08/22/11	was		
Toluene-d8	83 %	75-120	1	08/22/11	was	08/22/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024848

Bis(2-ethylhexyl)phthalate	9.7 ug/L	0.95	1	08/24/11	kb	08/24/11	gmr		
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Surrogates:

Nitrobenzene-d5	50 %	36-103	1	08/24/11	kb	08/24/11	gmr		
2-Fluorobiphenyl	55 %	36-119	1	08/24/11	kb	08/24/11	gmr		
Terphenyl-d14	67 %	37-109	1	08/24/11	kb	08/24/11	gmr		

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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-37 Date Collected: 08/18/11 09:08 Matrix: Ground Water
Sample ID: MW-34S Date Received: 08/19/11 10:32

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024841

Benzene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was		
Toluene	<0.50 ug/L	0.50	1	08/22/11	was	08/22/11	was		
Ethylbenzene	19 ug/L	0.50	1	08/22/11	was	08/22/11	was		
m,p-Xylene	8.4 ug/L	1.0	1	08/22/11	was	08/22/11	was	N	
o-Xylene	3.4 ug/L	0.50	1	08/22/11	was	08/22/11	was	N	
Xylenes, total	12 ug/L	1.5	1	08/22/11	was	08/22/11	was		
Surrogates:									
1,2-Dichloroethane-d4	123 %	68-133	1	08/22/11	was	08/22/11	was		
Toluene-d8	82 %	75-120	1	08/22/11	was	08/22/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024848

Bis(2-ethylhexyl)phthalate	35 ug/L	0.99	1	08/24/11	kb	08/24/11	gmr		
Surrogates:									
Nitrobenzene-d5	40 %	36-103	1	08/24/11	kb	08/24/11	gmr		
2-Fluorobiphenyl	47 %	36-119	1	08/24/11	kb	08/24/11	gmr		
Terphenyl-d14	54 %	37-109	1	08/24/11	kb	08/24/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024844

Phosphorus	0.060 mg/L	0.050	1	08/24/11	ns	08/24/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024756

Lead	<0.0030 mg/L	0.0030	1	08/19/11	jd	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-37 Date Collected: 08/18/11 09:08 Matrix: Ground Water
Sample ID: MW-34S Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024782

Nitrate as N	<0.22 mg/L	0.22	5	08/19/11	bd	08/19/11	bd		
Sulfate as SO ₄	100 mg/L	2.5	5	08/19/11	bd	08/19/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024915

Ammonia as N	0.16 mg/L	0.010	1	08/26/11	sm	08/26/11	sm	205	
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Analysis Method: SM 2540 C-97

Batch: T024777

Total Dissolved Solids	580 mg/L	10	1	08/19/11	as	08/22/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024776

Total Suspended Solids	22 mg/L	4.0	1	08/19/11	as	08/19/11	sm		
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Analysis Method: SM9215B

Batch: T024781

Heterotrophic Plate Count	40 CFU/ml	1.0	1	08/19/11	da	08/21/11	sm		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	800 ug/L	100	100	08/22/11	was	08/23/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-38 Date Collected: 08/18/11 09:28 Matrix: Ground Water
Sample ID: MW-35S Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024841

Benzene	3.5 ug/L	0.50	1	08/22/11	was	08/22/11	was		
Toluene	17 ug/L	0.50	1	08/22/11	was	08/22/11	was		
Ethylbenzene	9700 ug/L	50	100	08/22/11	was	08/23/11	was		
m,p-Xylene	40000 ug/L	100	100	08/22/11	was	08/23/11	was	N	
o-Xylene	14000 ug/L	50	100	08/22/11	was	08/23/11	was	N	
Xylenes, total	54000 ug/L	150	100	08/22/11	was	08/23/11	was		
Surrogates:									
1,2-Dichloroethane-d4	108 %	68-133	1	08/22/11	was	08/22/11	was		
1,2-Dichloroethane-d4	109 %	68-133	100	08/22/11	was	08/23/11	was		
Toluene-d8	86 %	75-120	1	08/22/11	was	08/22/11	was		
Toluene-d8	83 %	75-120	100	08/22/11	was	08/23/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024848

Bis(2-ethylhexyl)phthalate	3000 ug/L	240	250	08/24/11	kb	08/24/11	gmr		
Surrogates:									
Nitrobenzene-d5	* %	36-103	250	08/24/11	kb	08/24/11	gmr	302	
2-Fluorobiphenyl	* %	36-119	250	08/24/11	kb	08/24/11	gmr	302	
Terphenyl-d14	* %	37-109	250	08/24/11	kb	08/24/11	gmr	302	

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024844

Phosphorus	0.15 mg/L	0.050	1	08/24/11	ns	08/24/11	jlm		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-38 Date Collected: 08/18/11 09:28 Matrix: Ground Water
Sample ID: MW-35S Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024756

Lead	<0.0030 mg/L	0.0030	1	08/19/11	jd	08/25/11	jd		
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024782

Nitrate as N	<0.22 mg/L	0.22	5	08/19/11	bd	08/19/11	bd		
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Sulfate as SO ₄	3.6 mg/L	2.5	5	08/19/11	bd	08/19/11	bd		
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Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024915

Ammonia as N	0.40 mg/L	0.050	5	08/26/11	sm	08/26/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024777

Total Dissolved Solids	550 mg/L	10	1	08/19/11	as	08/22/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024776

Total Suspended Solids	48 mg/L	4.0	1	08/19/11	as	08/19/11	sm		
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Analysis Method: SM9215B

Batch: T024781

Heterotrophic Plate Count	440 CFU/ml	1.0	1	08/19/11	da	08/21/11	sm		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	12000 ug/L	200	200	08/22/11	was	08/23/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-39 Date Collected: 08/18/11 09:59 Matrix: Ground Water
Sample ID: MW-32S Date Received: 08/19/11 10:32

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024841

Benzene	2.1 ug/L	0.50	1	08/22/11	was	08/22/11	was	
Toluene	0.78 ug/L	0.50	1	08/22/11	was	08/22/11	was	
Ethylbenzene	1600 ug/L	50	100	08/22/11	was	08/23/11	was	
m,p-Xylene	4400 ug/L	100	100	08/22/11	was	08/23/11	was	N
o-Xylene	240 ug/L	50	100	08/22/11	was	08/23/11	was	N
Xylenes, total	4600 ug/L	150	100	08/22/11	was	08/23/11	was	
Surrogates:								
1,2-Dichloroethane-d4	126 %	68-133	1	08/22/11	was	08/22/11	was	
1,2-Dichloroethane-d4	111 %	68-133	100	08/22/11	was	08/23/11	was	
Toluene-d8	82 %	75-120	1	08/22/11	was	08/22/11	was	
Toluene-d8	82 %	75-120	100	08/22/11	was	08/23/11	was	

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024848

Bis(2-ethylhexyl)phthalate	4200 ug/L	250	250	08/24/11	kb	08/24/11	gmr	
Surrogates:								
Nitrobenzene-d5	* %	36-103	250	08/24/11	kb	08/24/11	gmr	302
2-Fluorobiphenyl	* %	36-119	250	08/24/11	kb	08/24/11	gmr	302
Terphenyl-d14	* %	37-109	250	08/24/11	kb	08/24/11	gmr	302

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024844

Phosphorus	0.29 mg/L	0.050	1	08/24/11	ns	08/24/11	jlm
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-39 Date Collected: 08/18/11 09:59 Matrix: Ground Water
Sample ID: MW-32S Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024756

Lead	<0.0030 mg/L	0.0030	1	08/19/11	jd	08/25/11	jd		
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024782

Nitrate as N	<0.22 mg/L	0.22	5	08/19/11	bd	08/19/11	bd		
Sulfate as SO ₄	70 mg/L	2.5	5	08/19/11	bd	08/19/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024915

Ammonia as N	2.1 mg/L	0.050	5	08/26/11	sm	08/26/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024777

Total Dissolved Solids	720 mg/L	10	1	08/19/11	as	08/22/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024776

Total Suspended Solids	30 mg/L	4.0	1	08/19/11	as	08/19/11	sm		
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Analysis Method: SM9215B

Batch: T024781

Heterotrophic Plate Count	140000 CFU/ml	1.0	1	08/19/11	da	08/21/11	sm		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	6800 ug/L	400	400	08/22/11	was	08/23/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-40 Date Collected: 08/18/11 10:24 Matrix: Ground Water
Sample ID: MW-31S Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024841

Benzene	2.3 ug/L	0.50	1	08/22/11	was	08/22/11	was		
Toluene	9.9 ug/L	0.50	1	08/22/11	was	08/22/11	was		
Ethylbenzene	2600 ug/L	50	100	08/22/11	was	08/23/11	was		
m,p-Xylene	10000 ug/L	100	100	08/22/11	was	08/23/11	was	N	
o-Xylene	2800 ug/L	50	100	08/22/11	was	08/23/11	was	N	
Xylenes, total	13000 ug/L	150	100	08/22/11	was	08/23/11	was		
Surrogates:									
1,2-Dichloroethane-d4	105 %	68-133	1	08/22/11	was	08/22/11	was		
1,2-Dichloroethane-d4	127 %	68-133	100	08/22/11	was	08/23/11	was		
Toluene-d8	86 %	75-120	1	08/22/11	was	08/22/11	was		
Toluene-d8	82 %	75-120	100	08/22/11	was	08/23/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024848

Bis(2-ethylhexyl)phthalate	1700 ug/L	250	250	08/24/11	kb	08/24/11	gmr		
Surrogates:									
Nitrobenzene-d5	* %	36-103	250	08/24/11	kb	08/24/11	gmr	302	
2-Fluorobiphenyl	* %	36-119	250	08/24/11	kb	08/24/11	gmr	302	
Terphenyl-d14	* %	37-109	250	08/24/11	kb	08/24/11	gmr	302	

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024844

Phosphorus	0.21 mg/L	0.050	1	08/24/11	ns	08/24/11	jlm		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-40 Date Collected: 08/18/11 10:24 Matrix: Ground Water
Sample ID: MW-31S Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024756

Lead	<0.0030 mg/L	0.0030	1	08/19/11	jd	08/25/11	jd		
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024782

Nitrate as N	<0.22 mg/L	0.22	5	08/19/11	bd	08/19/11	bd		
Sulfate as SO ₄	58 mg/L	2.5	5	08/19/11	bd	08/19/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024915

Ammonia as N	8.2 mg/L	0.050	5	08/26/11	sm	08/26/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024820

Total Dissolved Solids	560 mg/L	10	1	08/22/11	as	08/23/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024819

Total Suspended Solids	<4.0 mg/L	4.0	1	08/22/11	as	08/23/11	as		
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Analysis Method: SM9215B

Batch: T024781

Heterotrophic Plate Count	66 CFU/ml	1.0	1	08/19/11	da	08/21/11	sm		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	8000 ug/L	400	400	08/22/11	was	08/23/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-41 Date Collected: 08/18/11 10:56 Matrix: Ground Water
Sample ID: MW-33S Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024869

Benzene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
Toluene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/22/11	was	08/23/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/22/11	was	08/23/11	was		

Surrogates:

1,2-Dichloroethane-d4	114 %	68-133	1	08/22/11	was	08/23/11	was		
Toluene-d8	80 %	75-120	1	08/22/11	was	08/23/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024848

Bis(2-ethylhexyl)phthalate	2500 ug/L	250	250	08/24/11	kb	08/24/11	gmr		
Surrogates:									
Nitrobenzene-d5	* %	36-103	250	08/24/11	kb	08/24/11	gmr	302	
2-Fluorobiphenyl	* %	36-119	250	08/24/11	kb	08/24/11	gmr	302	
Terphenyl-d14	* %	37-109	250	08/24/11	kb	08/24/11	gmr	302	

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024844

Phosphorus	0.22 mg/L	0.050	1	08/24/11	ns	08/24/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024756

Lead	<0.0030 mg/L	0.0030	1	08/19/11	jd	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-41 Date Collected: 08/18/11 10:56 Matrix: Ground Water
Sample ID: MW-33S Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024782

Nitrate as N	<0.22 mg/L	0.22	5	08/19/11	bd	08/19/11	bd		
Sulfate as SO ₄	29 mg/L	2.5	5	08/19/11	bd	08/19/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024915

Ammonia as N	2.8 mg/L	0.010	1	08/26/11	sm	08/26/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024820

Total Dissolved Solids	580 mg/L	10	1	08/22/11	as	08/23/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024819

Total Suspended Solids	100 mg/L	4.7	1.176471	08/22/11	as	08/23/11	as		
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Analysis Method: SM9215B

Batch: T024781

Heterotrophic Plate Count	560 CFU/ml	1.0	1	08/19/11	da	08/21/11	sm		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	1200 ug/L	100	100	08/22/11	was	08/23/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-42 Date Collected: 08/18/11 13:10 Matrix: Aqueous
Sample ID: RB-01 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	SDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024869

Benzene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
Toluene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/22/11	was	08/23/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/22/11	was	08/23/11	was		

Surrogates:

1,2-Dichloroethane-d4	127 %	68-133	1	08/22/11	was	08/23/11	was		
Toluene-d8	80 %	75-120	1	08/22/11	was	08/23/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024848

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	08/24/11	kb	08/24/11	gmr		
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Surrogates:

Nitrobenzene-d5	47 %	36-103	1	08/24/11	kb	08/24/11	gmr		
2-Fluorobiphenyl	52 %	36-119	1	08/24/11	kb	08/24/11	gmr		
Terphenyl-d14	65 %	37-109	1	08/24/11	kb	08/24/11	gmr		

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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-43 Date Collected: 08/18/11 13:20 Matrix: Aqueous
Sample ID: RB-02 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024869

Benzene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
Toluene	1.5 ug/L	0.50	1	08/22/11	was	08/23/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
m,p-Xylene	1.2 ug/L	1.0	1	08/22/11	was	08/23/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/22/11	was	08/23/11	was		
Surrogates:									
1,2-Dichloroethane-d4	126 %	68-133	1	08/22/11	was	08/23/11	was		
Toluene-d8	83 %	75-120	1	08/22/11	was	08/23/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024848

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	08/24/11	kb	08/24/11	gmr		
Surrogates:									
Nitrobenzene-d5	55 %	36-103	1	08/24/11	kb	08/24/11	gmr		
2-Fluorobiphenyl	57 %	36-119	1	08/24/11	kb	08/24/11	gmr		
Terphenyl-d14	68 %	37-109	1	08/24/11	kb	08/24/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024844

Phosphorus	<0.050 mg/L	0.050	1	08/24/11	ns	08/24/11	jlm		
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Analysis Method: EPA 6020

Batch: T024844

Lead	<0.0030 mg/L	0.0030	5	08/24/11	ns	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-43 Date Collected: 08/18/11 13:20 Matrix: Aqueous
Sample ID: RB-02 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024782

Nitrate as N	<0.22 mg/L	0.22	5	08/19/11	bd	08/19/11	da		
Sulfate as SO4	<2.5 mg/L	2.5	5	08/19/11	bd	08/19/11	da		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024915

Ammonia as N	<0.010 mg/L	0.010	1	08/26/11	sm	08/26/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024820

Total Dissolved Solids	<10 mg/L	10	1	08/22/11	as	08/23/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024819

Total Suspended Solids	<4.0 mg/L	4.0	1	08/22/11	as	08/23/11	as		
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Analysis Method: SM9215B

Batch: T024781

Heterotrophic Plate Count	45 CFU/ml	1.0	1	08/19/11	da	08/21/11	sm		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	<1.0 ug/L	1.0	1	08/22/11	was	08/23/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-44 Date Collected: 08/18/11 13:30 Matrix: Aqueous
Sample ID: RB-03 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024869

Benzene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
Toluene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/22/11	was	08/23/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/22/11	was	08/23/11	was		

Surrogates:

1,2-Dichloroethane-d4	130 %	68-133	1	08/22/11	was	08/23/11	was		
Toluene-d8	79 %	75-120	1	08/22/11	was	08/23/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024848

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	08/24/11	kb	08/24/11	gmr		
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Surrogates:

Nitrobenzene-d5	56 %	36-103	1	08/24/11	kb	08/24/11	gmr		
2-Fluorobiphenyl	60 %	36-119	1	08/24/11	kb	08/24/11	gmr		
Terphenyl-d14	77 %	37-109	1	08/24/11	kb	08/24/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024844

Phosphorus	<0.050 mg/L	0.050	1	08/24/11	ns	08/24/11	jlm		
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Analysis Method: EPA 6020

Batch: T024844

Lead	<0.0030 mg/L	0.0030	5	08/24/11	ns	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-44 Date Collected: 08/18/11 13:30 Matrix: Aqueous
Sample ID: RB-03 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024782

Nitrate as N	<0.22 mg/L	0.22	5	08/19/11	bd	08/19/11	da		
Sulfate as SO4	<2.5 mg/L	2.5	5	08/19/11	bd	08/19/11	da		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024915

Ammonia as N	<0.010 mg/L	0.010	1	08/26/11	sm	08/26/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T024820

Total Dissolved Solids	<10 mg/L	10	1	08/22/11	as	08/23/11	as		
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Analysis Method: SM 2540 D-97

Batch: T024819

Total Suspended Solids	<4.0 mg/L	4.0	1	08/22/11	as	08/23/11	as		
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Analysis Method: SM9215B

Batch: T024781

Heterotrophic Plate Count	<1.0 CFU/ml	1.0	1	08/19/11	da	08/21/11	sm		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	<1.0 ug/L	1.0	1	08/22/11	was	08/23/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-45 Date Collected: 08/18/11 Matrix: Aqueous
Sample ID: TB-03 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	SDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024869

Benzene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
Toluene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/22/11	was	08/23/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/22/11	was	08/23/11	was		

Surrogates:

1,2-Dichloroethane-d4	121 %	68-133	1	08/22/11	was	08/23/11	was		
Toluene-d8	84 %	75-120	1	08/22/11	was	08/23/11	was		

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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-46 Date Collected: 08/18/11 12:58 Matrix: Ground Water
Sample ID: MW-27 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T024869

Benzene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
Toluene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
Ethylbenzene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was		
m,p-Xylene	<1.0 ug/L	1.0	1	08/22/11	was	08/23/11	was	N	
o-Xylene	<0.50 ug/L	0.50	1	08/22/11	was	08/23/11	was	N	
Xylenes, total	<1.5 ug/L	1.5	1	08/22/11	was	08/23/11	was		
Surrogates:									
1,2-Dichloroethane-d4	* 135 %	68-133	1	08/22/11	was	08/23/11	was	312	
Toluene-d8	82 %	75-120	1	08/22/11	was	08/23/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T024848

Bis(2-ethylhexyl)phthalate	2.4 ug/L	0.98	1	08/24/11	kb	08/24/11	gmr		
Surrogates:									
Nitrobenzene-d5	59 %	36-103	1	08/24/11	kb	08/24/11	gmr		
2-Fluorobiphenyl	62 %	36-119	1	08/24/11	kb	08/24/11	gmr		
Terphenyl-d14	70 %	37-109	1	08/24/11	kb	08/24/11	gmr		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T024844

Phosphorus	<0.050 mg/L	0.050	1	08/24/11	ns	08/24/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T024756

Lead	<0.0030 mg/L	0.0030	1	08/19/11	jd	08/25/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11H198
Client Project ID: LEC / 004048.0000.0000

Trace ID: T11H198-46 Date Collected: 08/18/11 12:58 Matrix: Ground Water
Sample ID: MW-27 Date Received: 08/19/11 10:32

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T024782

Nitrate as N	1.4 mg/L	0.22	5	08/19/11	bd	08/20/11	da	900
Sulfate as SO ₄	35 mg/L	2.5	5	08/19/11	bd	08/20/11	da	

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T024915

Ammonia as N	<0.010 mg/L	0.010	1	08/26/11	sm	08/26/11	sm	
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Analysis Method: SM 2540 C-97

Batch: T024820

Total Dissolved Solids	570 mg/L	10	1	08/22/11	as	08/23/11	as	
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Analysis Method: SM 2540 D-97

Batch: T024819

Total Suspended Solids	41 mg/L	4.0	1	08/22/11	as	08/23/11	as	
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Analysis Method: SM9215B

Batch: T024781

Heterotrophic Plate Count	60 CFU/ml	1.0	1	08/19/11	da	08/21/11	sm	
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T024847

Methane	<1.0 ug/L	1.0	1	08/22/11	was	08/23/11	was	N
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QUALITY CONTROL RESULTS

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024847

Analysis Description: Dissolved Gases

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: RSK-175(MOD) / ISOTECH

METHOD BLANK: T024847-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Methane	ug/L	<1.0	1.0	

METHOD BLANK: T024847-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Methane	ug/L	<1.0	1.0	

METHOD BLANK: T024847-BLK3

Parameter	Units	Blank Result	Reporting Limit	Notes
Methane	ug/L	<1.0	1.0	

LABORATORY CONTROL SAMPLE: T024847-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Methane	ug/L	12.8	10.2	80	70-130	

LABORATORY CONTROL SAMPLE: T024847-BS2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Methane	ug/L	12.8	12.9	101	70-130	

LABORATORY CONTROL SAMPLE: T024847-BS3

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Methane	ug/L	12.8	10.3	80	70-130	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T024847-MSD2

Original: T11H198-21

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Methane	ug/L	1430	640	2010	1960	90	84	70-130	8	15	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T024847-MSD3

Original: T11H198-46

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
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MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T024847-MSD3

Original: T11H198-46

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Methane	ug/L	0.403	12.8	12.5	12.3	95	93	70-130	1	15	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024844

Analysis Description: Phosphorus, Total

QC Batch Method: EPA 3015 Microwave Assisted
Digestions for Liquids

Analysis Method: EPA 6010B

METHOD BLANK: T024844-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Phosphorus	mg/L	<0.050	0.050	

LABORATORY CONTROL SAMPLE: T024844-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Phosphorus	mg/L	8.89	9.13	103	80-120	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024879

Analysis Description: Phosphorus, Total

QC Batch Method: EPA 3015 Microwave Assisted
Digestions for Liquids

Analysis Method: EPA 6010B

METHOD BLANK: T024879-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Phosphorus	mg/L	<0.050	0.050	

LABORATORY CONTROL SAMPLE: T024879-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Phosphorus	mg/L	8.89	8.59	97	80-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T024879-MSD1

Original: T11H198-21

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Phosphorus	mg/L	0.305	8.89	8.80	8.85	96	96	75-125	0.5	20	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024717

Analysis Description: Lead, Dissolved

QC Batch Method:

Analysis Method: EPA 6020

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METHOD BLANK: T024717-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Lead	mg/L	<0.0030	0.0030	

LABORATORY CONTROL SAMPLE: T024717-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Lead	mg/L	0.250	0.252	101	80-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T024717-MSD1

Original: T11H198-21

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Lead	mg/L	0	0.250	0.253	0.253	101	101	75-125	0.1	20	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024756

Analysis Description: Lead, Dissolved

QC Batch Method:

Analysis Method: EPA 6020

METHOD BLANK: T024756-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Lead	mg/L	<0.0030	0.0030	

LABORATORY CONTROL SAMPLE: T024756-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Lead	mg/L	0.250	0.252	101	80-120	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024844

Analysis Description: Lead, Total

QC Batch Method: EPA 3015 Microwave Assisted
Digestions for Liquids

Analysis Method: EPA 6020

METHOD BLANK: T024844-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Lead	mg/L	<0.0030	0.0030	

LABORATORY CONTROL SAMPLE: T024844-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Lead	mg/L	0.0556	0.0572	103	80-120	

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Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024879

Analysis Description: Lead, Total

QC Batch Method: EPA 3015 Microwave Assisted
Digestions for Liquids

Analysis Method: EPA 6020

METHOD BLANK: T024879-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Lead	mg/L	<0.0030	0.0030	

LABORATORY CONTROL SAMPLE: T024879-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Lead	mg/L	0.0556	0.0592	107	80-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T024879-MSD1

Original: T11H198-21

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Lead	mg/L	0	0.0556	0.0579	0.0580	104	104	75-125	0.2	20	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024728

Analysis Description: Semi-volatiles, TCL list

QC Batch Method: EPA 3510C Separatory Funnel
Liquid-Liquid Extr.

Analysis Method: EPA 8270C

METHOD BLANK: T024728-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	<5.0	5.0	
Nitrobenzene-d5 (S)	%	51	36-103	
2-Fluorobiphenyl (S)	%	61	36-119	
Terphenyl-d14 (S)	%	71	37-109	

LABORATORY CONTROL SAMPLE: T024728-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	100	77.9	78	57-107	
Nitrobenzene-d5 (S)	%	100	66.7	67	36-103	
2-Fluorobiphenyl (S)	%	101	75.2	74	36-119	
Terphenyl-d14 (S)	%	105	85.5	81	37-109	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

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QC Batch: T024793

Analysis Description: Semi-volatiles, TCL list

QC Batch Method: EPA 3510C Separatory Funnel
Liquid-Liquid Extr.

Analysis Method: EPA 8270C

METHOD BLANK: T024793-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	<5.0	5.0	
Nitrobenzene-d5 (S)	%	39	36-103	
2-Fluorobiphenyl (S)	%	46	36-119	
Terphenyl-d14 (S)	%	58	37-109	

LABORATORY CONTROL SAMPLE: T024793-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	100	69.7	70	57-107	
Nitrobenzene-d5 (S)	%	100	62.6	63	36-103	
2-Fluorobiphenyl (S)	%	101	68.6	68	36-119	
Terphenyl-d14 (S)	%	105	73.0	70	37-109	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T024793-MSD1

Original: T11H198-21

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Bis(2-ethylhexyl)phthalate	ug/L	94.7	99.5	152	156	57	62	52-106	8	29	
Nitrobenzene-d5 (S)	%		99.5	61.5	51.5	61	52	36-103			
2-Fluorobiphenyl (S)	%		100	67.9	57.3	67	57	36-119			
Terphenyl-d14 (S)	%		104	73.3	60.1	70	58	37-109			

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024848

Analysis Description: Semi-volatiles, TCL list

QC Batch Method: EPA 3510C Separatory Funnel
Liquid-Liquid Extr.

Analysis Method: EPA 8270C

METHOD BLANK: T024848-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	<5.0	5.0	
Nitrobenzene-d5 (S)	%	38	36-103	
2-Fluorobiphenyl (S)	%	40	36-119	
Terphenyl-d14 (S)	%	60	37-109	

LABORATORY CONTROL SAMPLE: T024848-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	100	65.4	65	57-107	
Nitrobenzene-d5 (S)	%	100	59.8	60	36-103	

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LABORATORY CONTROL SAMPLE: T024848-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2-Fluorobiphenyl (S)	%	101	63.1	62	36-119	
Terphenyl-d14 (S)	%	105	73.9	70	37-109	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024751

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

METHOD BLANK: T024751-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	75	68-133	
Toluene-d8 (S)	%	89	75-120	

LABORATORY CONTROL SAMPLE: T024751-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	20.7	103	80-120	
Toluene	ug/L	20.0	17.7	88	80-120	
1,2-Dichloroethane-d4 (S)	%	30.0	24.2	81	68-133	
Toluene-d8 (S)	%	30.0	26.5	88	75-120	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024786

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

METHOD BLANK: T024786-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<0.50	0.50	
Toluene	ug/L	<0.50	0.50	
Ethylbenzene	ug/L	<0.50	0.50	
m,p-Xylene	ug/L	<1.0	1.0	
o-Xylene	ug/L	<0.50	0.50	
Xylenes, total	ug/L	<1.5	1.5	
1,2-Dichloroethane-d4 (S)	%	95	68-133	

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METHOD BLANK: T024786-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Toluene-d8 (S)	%	85	75-120	
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	95	68-133	
Toluene-d8 (S)	%	85	75-120	

LABORATORY CONTROL SAMPLE: T024786-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	16.2	81	80-120	
Toluene	ug/L	20.0	16.8	84	80-120	
1,2-Dichloroethane-d4 (S)	%	50.0	47.8	96	68-133	
Toluene-d8 (S)	%	50.0	42.2	84	75-120	
Benzene	ug/L	20.0	16.2	81	80-120	
Toluene	ug/L	20.0	16.8	84	80-120	
1,2-Dichloroethane-d4 (S)	%	50.0	47.8	96	68-133	
Toluene-d8 (S)	%	50.0	42.2	84	75-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T024786-MSD1

Original: T11H198-21

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Benzene	ug/L	0	20.0	17.1	16.7	86	84	78-114	2	11	
Toluene	ug/L	0	20.0	18.3	18.1	92	91	77-118	0.9	10	
1,2-Dichloroethane-d4 (S)	%		50.0	59.7	59.4	119	119	68-133			
Toluene-d8 (S)	%		50.0	41.7	43.5	83	87	75-120			
Benzene	ug/L	0	20.0	17.1	16.7	86	84	78-114	2	11	
Toluene	ug/L	0	20.0	18.3	18.1	92	91	77-118	0.9	10	
1,2-Dichloroethane-d4 (S)	%		50.0	59.7	59.4	119	119	68-133			
Toluene-d8 (S)	%		50.0	41.7	43.5	83	87	75-120			

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024814

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

METHOD BLANK: T024814-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
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METHOD BLANK: T024814-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	130	68-133	
Toluene-d8 (S)	%	82	75-120	

LABORATORY CONTROL SAMPLE: T024814-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	16.1	80	80-120	
Toluene	ug/L	20.0	18.6	93	80-120	
1,2-Dichloroethane-d4 (S)	%	50.0	62.1	124	68-133	
Toluene-d8 (S)	%	50.0	43.7	87	75-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T024814-MSD1

Original: T11H198-23RE1

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Benzene	ug/L	0	1000	848	814	85	81	78-114	4	11	
Toluene	ug/L	46200	1000	47800	47600	162	146	77-118	10	10	222
1,2-Dichloroethane-d4 (S)	%		50.0	61.4	60.4	123	121	68-133			
Toluene-d8 (S)	%		50.0	42.3	42.7	85	85	75-120			

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024841

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

METHOD BLANK: T024841-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	121	68-133	
Toluene-d8 (S)	%	81	75-120	

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LABORATORY CONTROL SAMPLE: T024841-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	16.0	80	80-120	
Toluene	ug/L	20.0	16.9	84	80-120	
1,2-Dichloroethane-d4 (S)	%	50.0	62.6	125	68-133	
Toluene-d8 (S)	%	50.0	39.7	79	75-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T024841-MSD1

Original: T11H198-23RE2

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Benzene	ug/L	0	10000	8040	8160	80	82	78-114	2	11	
Toluene	ug/L	52400	10000	67300	65500	149	132	77-118	13	10	222
1,2-Dichloroethane-d4 (S)	%		50.0	64.3	64.6	129	129	68-133			
Toluene-d8 (S)	%		50.0	41.1	41.5	82	83	75-120			

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024842

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

METHOD BLANK: T024842-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	130	68-133	
Toluene-d8 (S)	%	82	75-120	

LABORATORY CONTROL SAMPLE: T024842-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	16.1	80	80-120	
Toluene	ug/L	20.0	18.6	93	80-120	
1,2-Dichloroethane-d4 (S)	%	50.0	62.1	124	68-133	
Toluene-d8 (S)	%	50.0	43.7	87	75-120	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024869

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

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METHOD BLANK: T024869-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	128	68-133	
Toluene-d8 (S)	%	82	75-120	

LABORATORY CONTROL SAMPLE: T024869-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	18.0	90	80-120	
Toluene	ug/L	20.0	19.6	98	80-120	
1,2-Dichloroethane-d4 (S)	%	50.0	64.0	128	68-133	
Toluene-d8 (S)	%	50.0	41.2	82	75-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T024869-MSD1

Original: T11H198-40RE1

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Benzene	ug/L	0	2000	1420	1630	71	81	78-114	14	11	900b
Toluene	ug/L	0	2000	1680	1780	84	89	77-118	6	10	
1,2-Dichloroethane-d4 (S)	%		50.0	56.5	63.0	113	126	68-133			
Toluene-d8 (S)	%		50.0	41.2	42.3	82	85	75-120			

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T025018

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

METHOD BLANK: T025018-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	98	68-133	
Toluene-d8 (S)	%	91	75-120	

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LABORATORY CONTROL SAMPLE: T025018-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	27.5	138	80-120	112
Toluene	ug/L	20.0	25.4	127	80-120	812
1,2-Dichloroethane-d4 (S)	%	40.0	38.9	97	68-133	
Toluene-d8 (S)	%	50.2	46.2	92	75-120	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024710

Analysis Description: Sulfate

QC Batch Method: IC Prep W

Analysis Method: EPA 300.0 Rev. 2.1

METHOD BLANK: T024710-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Nitrate as N	mg/L	<0.075	0.075	
Sulfate as SO4	mg/L	<1.0	1.0	

LABORATORY CONTROL SAMPLE: T024710-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Nitrate as N	mg/L	0.500	0.477	95	90-110	
Sulfate as SO4	mg/L	2.50	2.35	94	90-110	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T024710-MSD1

Original: T11H198-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Nitrate as N	mg/L	1.17	6.00	6.75	6.78	93	94	80-120	0.5	20	
Sulfate as SO4	mg/L	16.2	50.0	65.5	70.1	99	108	80-120	9	20	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024742

Analysis Description: Sulfate

QC Batch Method: IC Prep W

Analysis Method: EPA 300.0 Rev. 2.1

METHOD BLANK: T024742-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Nitrate as N	mg/L	<0.075	0.075	
Sulfate as SO4	mg/L	<1.0	1.0	

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LABORATORY CONTROL SAMPLE: T024742-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Nitrate as N	mg/L	0.500	0.485	97	90-110	
Sulfate as SO4	mg/L	2.50	2.33	93	90-110	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T024742-MSD1

Original: T11H198-21

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Nitrate as N	mg/L	0	6.00	5.81	5.90	97	98	80-120	1	20	
Sulfate as SO4	mg/L	1.42	30.0	29.2	30.0	92	95	80-120	3	20	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024782

Analysis Description: Sulfate

QC Batch Method: IC Prep W

Analysis Method: EPA 300.0 Rev. 2.1

METHOD BLANK: T024782-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Nitrate as N	mg/L	<0.075	0.075	
Sulfate as SO4	mg/L	<1.0	1.0	

LABORATORY CONTROL SAMPLE: T024782-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Nitrate as N	mg/L	0.500	0.480	96	90-110	
Sulfate as SO4	mg/L	2.50	2.32	93	90-110	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T024782-MSD1

Original: T11H198-44

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Nitrate as N	mg/L	0	6.00	5.53	5.59	92	93	80-120	1	20	
Sulfate as SO4	mg/L	0	30.0	33.6	32.8	112	109	80-120	2	20	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024768

Analysis Description: Nitrogen, Ammonia

QC Batch Method: EPA 350.1 Rev. 2.0

Analysis Method: EPA 350.1 Rev. 2.0

METHOD BLANK: T024768-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
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METHOD BLANK: T024768-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Ammonia as N	mg/L	<0.010	0.010	

LABORATORY CONTROL SAMPLE: T024768-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Ammonia as N	mg/L	1.00	1.00	100	90-110	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T024768-MSD1

Original: T11H198-21

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Ammonia as N	mg/L	0.402	1.00	1.38	1.34	98	94	90-110	4	7.9	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024769

Analysis Description: Nitrogen, Ammonia

QC Batch Method: EPA 350.1 Rev. 2.0

Analysis Method: EPA 350.1 Rev. 2.0

METHOD BLANK: T024769-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Ammonia as N	mg/L	<0.010	0.010	

LABORATORY CONTROL SAMPLE: T024769-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Ammonia as N	mg/L	1.00	1.00	100	90-110	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024915

Analysis Description: Nitrogen, Ammonia

QC Batch Method: EPA 350.1 Rev. 2.0

Analysis Method: EPA 350.1 Rev. 2.0

METHOD BLANK: T024915-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Ammonia as N	mg/L	<0.010	0.010	

LABORATORY CONTROL SAMPLE: T024915-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Ammonia as N	mg/L	1.00	1.00	100	90-110	

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T024915-MSD1

Original: T11H198-37

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Ammonia as N	mg/L	0.156	1.00	0.976	0.963	82	81	90-110	2	7.9	205

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024707

Analysis Description: Total Dissolved Solids

QC Batch Method: SM 2540 C-97

Analysis Method: SM 2540 C-97

METHOD BLANK: T024707-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Dissolved Solids	mg/L	<10	10	

SAMPLE DUPLICATE: T024707-DUP1

Original: T11H198-01

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Dissolved Solids	mg/L	397	389	2	20	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024777

Analysis Description: Total Dissolved Solids

QC Batch Method: SM 2540 C-97

Analysis Method: SM 2540 C-97

METHOD BLANK: T024777-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Dissolved Solids	mg/L	<10	10	

SAMPLE DUPLICATE: T024777-DUP1

Original: T11H198-21

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Dissolved Solids	mg/L	459	444	3	20	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024820

Analysis Description: Total Dissolved Solids

QC Batch Method: SM 2540 C-97

Analysis Method: SM 2540 C-97

METHOD BLANK: T024820-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Dissolved Solids	mg/L	<10	10	

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SAMPLE DUPLICATE: T024820-DUP1

Original: T11H198-40

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Dissolved Solids	mg/L	564	568	0.7	20	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024729

Analysis Description: Total Suspended Solids

QC Batch Method: SM 2540 D-97

Analysis Method: SM 2540 D-97

METHOD BLANK: T024729-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Suspended Solids	mg/L	<10	10	

LABORATORY CONTROL SAMPLE: T024729-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Total Suspended Solids	mg/L	50.0	52.0	104	85-115	

SAMPLE DUPLICATE: T024729-DUP1

Original: T11H198-01

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Suspended Solids	mg/L	3.00	3.00	0	20	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024776

Analysis Description: Total Suspended Solids

QC Batch Method: SM 2540 D-97

Analysis Method: SM 2540 D-97

METHOD BLANK: T024776-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Suspended Solids	mg/L	<10	10	

LABORATORY CONTROL SAMPLE: T024776-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Total Suspended Solids	mg/L	50.0	51.0	102	85-115	

SAMPLE DUPLICATE: T024776-DUP1

Original: T11H198-21

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Suspended Solids	mg/L	32.0	35.0	9	20	

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Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024819

QC Batch Method: SM 2540 D-97

Analysis Description: Total Suspended Solids

Analysis Method: SM 2540 D-97

METHOD BLANK: T024819-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Suspended Solids	mg/L	<10	10	

LABORATORY CONTROL SAMPLE: T024819-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Total Suspended Solids	mg/L	50.0	49.0	98	85-115	

SAMPLE DUPLICATE: T024819-DUP1

Original: T11H198-40

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Suspended Solids	mg/L	3.00	3.00	0	20	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024702

QC Batch Method: SM9215B

Analysis Description: Heterotrophic Plate Count

Analysis Method: SM9215B

METHOD BLANK: T024702-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Heterotrophic Plate Count	CFU/ml	<1.0	1.0	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024747

QC Batch Method: SM9215B

Analysis Description: Heterotrophic Plate Count

Analysis Method: SM9215B

METHOD BLANK: T024747-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Heterotrophic Plate Count	CFU/ml	<1.0	1.0	

Trace Project ID: T11H198

Client Project ID: LEC / 004048.0000.0000

QC Batch: T024781

QC Batch Method: SM9215B

Analysis Description: Heterotrophic Plate Count

Analysis Method: SM9215B

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METHOD BLANK: T024781-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Heterotrophic Plate Count	CFU/ml	<1.0	1.0	

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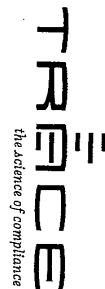
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CHAIN-OF-CUSTODY RECORD

Page 1 of 1

TRACE ID NO. T11H198

Report Results To:				Client Name: TREC			
Contact Person: Scott Paulkiewicz				City, State, Zip Code: 6740 Rapids MI 49346			
Mailing Address: 2025 E. Beeline Ave. SE Ste 402				Phone: 616 975 5445 Fax: 616 975 1098			
Cell #: 616 915 3604				Sampled by: SP/MA			
Project Name & #: Lec, 064649.0000.0000				Bill To:			
Billing Address (if different):				City, State, Zip Code:			
Attn:				Phone:			
PO #:				Matrix:			
Request for Analytical Services				TRACE USE ONLY			
TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	ANALYSIS REQUESTED
01	8/16/11	1057	y	MB-19-12	W	10	2 2 2 2 1 1 1 1
02	8/16/11	1149	-	MB-19-8	W	6	2 2 2 2 1 1 1 1
03	8/16/11	1310	y	MB-19-17	W	10	2 2 2 2 1 1 1 1
04	8/16/11	1433	y	MB-19-15	W	10	2 2 2 2 1 1 1 1
05	8/16/11	1545	y	MB-19-16	W	10	2 2 2 2 1 1 1 1
06	8/16/11	1159	y	MB-25 (R)	W	10	2 2 2 2 1 1 1 1
07	8/16/11	1147	y	MB-29.5	W	10	2 2 2 2 1 1 1 1
08	8/16/11	1634	y	MB-8	W	10	2 2 2 2 1 1 1 1
09	8/16/11	-	g	TS-01	W	1	1
Please Sign				RELEASED BY			
Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY
1	Scott Paulkiewicz	Scott Paulkiewicz	8/16/11	1845	3		
2	Feo-3-13	Feo-3-13	8/17/11	1052	4		

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CHAIN-OF-CUSTODY RECORD

Page 1 of 2

TRACE ID NO.
T11H198

Client Name:	TRC
Contact Person:	Scott Pawlikiewicz
Mailing Address:	2025 E. BERTONE AVE SE STE 402
City, State, Zip Code:	Grand Rapids MI 49506
Phone:	616 975-5415
Fax:	616-975-1098
Email Address:	SPawlikiewicz@trcsolutions.com
Cell #:	616 915 3604
Project Name & #:	LEC, 004045.0000.0000

Billing Address (if different):	
City, State, Zip Code:	
Alt:	
Phone:	
PO #:	

Request for Analytical Services				Report Results To:	
TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX
10	8/17/11	6:48	y	MW-19-14	10
11	1	10:45	y	MW-19-13	10
12	1	13:33	y	MW-19-6R	10
13	1	14:00	N	ARM-01	10
14	1	14:42	y	MW-19-7R	10
15	1	15:47	y	MW-19-R	10
16	1	16:48	y	MW-19-5R	10
17	1	10:44	y	MW-30-3	10
18	1	12:19	y	MW-30-1	10
19	1	14:46	y	MW-30-0	10

Item #	RELEASED BY	DATE	TIME	Item #	RELEASED BY	DATE	TIME
1	Paula	8/17/11	19:15	3			
2	Fred	8/18/11	10:35	4			

ANALYSIS REQUESTED

TRACE USE ONLY	
Logged By:	Checked By:
Received on Ice:	Preservative Checked:
Soil Volatiles Preserved:	MeOH Low Level Lab Sampling Time:

Regulatory Requirements	Turnaround Requirements	Matrix Key
MEPA TMDLs	Standard	S = Soil
Drinking Water	3-4 Day (RUSH)*	W = Water
NPDES	24-48 Hour (RUSH)*	SE = Sediment
USACE	* Requires prior approval	OI = Oil
Special		SO = Solid Waste

WL = Wipes	LIW = Liquid Waste	A = Air	D = Drinking Water	SL = Sludge
------------	--------------------	---------	--------------------	-------------

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CHAIN-OF-CUSTODY RECORD

Page 2 of 2

TRACE ID NO. T11H198

Client Name:	IRE
Contact Person:	Scott Pawlikiewicz
Mailing Address:	2025 E Bellevue Ave SE Ste 402
City, State, Zip Code:	Grand Rapids MI 49546
Phone:	616 975 5415
Fax:	616 975 1088
Email Address:	SPaulkiewicz@tcsolutions.com
Cell #:	616 915 3621
Project Name & #:	LEC, 000008.0000.0000

Billing Address (if different):	
City, State, Zip Code:	
Alt:	
Phone:	
PO #:	

TRACE USE ONLY	
Logged By:	Paul
Received on Ice:	Yes No
Preservative Checked:	Yes No N/A
Soil Volatiles Preserved:	MeOH Low Level Lab Sampling Time:
Regulatory Requirements	
MIERA TMDLs	Standard
Drinking Water	3-4 Day (RUSH)*
NPDSS	24-48 Hour (RUSH)*
USACE	* Requires prior approval
Special	
Turnaround Requirements	
Matrix Key	W = Wipes
S = Soil	LW = Liquid Waste
W = Water	A = Air
SE = Sediment	D = Drinking Water
CI = Oil	SL = Sludge
SO = Solid Waste	

Request for Analytical Services	ANALYSIS REQUESTED
TRACER NO.	
DATE TAKEN	
TIME TAKEN	
METALS FIELD FILTERED	
CLIENT SAMPLE ID	
MATRIX	
NUMBER OF CONTAINERS	
REMARKS	
Possible Health Hazard	

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
1	B. Paulkiewicz	FeEx	8/17/11	19:55	3				
2	FeEx	B. Paulkiewicz	8/18/11	10:35	4				

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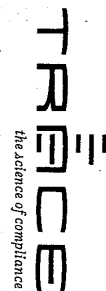
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CHAIN-OF-CUSTODY RECORD

Page 3 of 3

TRACE ID NO.
T11H198

Checked By:

Received on: Yes No

Preservative Checked: Yes No N/A

TRACE USE ONLY

Soil Volatiles Preserved: MeOH Low Level Lab Sampling Time:

Client Name: TRC
Contact Person: Scott Paulkiewicz
Mailing Address: 2025 E. Bellvue Ave. SE STE 402
City, State, Zip Code: Grand Rapids MI 49506
Phone: 616 975 8415 Fax: 616 975 1098
Email Address: SPaulkiewicz@trcsolutions.com
Cell #: 616 975 3604
Project Name & #: LEC, 004048, 0000, 0000
Sampled by: SP/MA

Bill To:

Billing Address (if different):
City, State, Zip Code:
Attn:
Phone:
PO #:

Regulatory Requirements: MEPA TMDLs ☐ Drinking Water ☐ NPDES ☐ USACE ☐ Special ☐
Turnaround Requirements: Standard 3-4 Day (RUSH)* ☒ 24-48 Hour (RUSH)* ☐ * Requires prior approval
Matrix Key: S = Soil W = Water SE = Sediment O = Oil SO = Solid Waste
WI = Wipes LW = Liquid Waste A = Air D = Drinking Water SL = Sludge

ANALYSIS REQUESTED

Request for Analytical Services				Matrix		Number of Containers		Remarks			
Trace No.	Date Taken	Time Taken	Metals Field Filtered	Client Sample ID	Matrix	Number of Containers	Number of Containers	Possible Health Hazard			
25	8/18/11	0830	-	SW-D-5 DEC-02	W	4	2	BTEX DEAP			
26	8/18/11	0835	-	SW-D-5	W	2	2				
27	8/18/11	0845	-	SW-D-1	W	2	2				
28	8/18/11	0855	-	SW-D-2	W	2	2				
29	8/18/11	0910	-	SW-D-3	W	2	2				
30	8/18/11	0920	-	SW-D-4	W	2	2	BTEX DEAP			
31	8/18/11	0940	-	SW-D-4	W	2	2				
32	8/18/11	1000	-	SW-D-6	W	2	2				
33	8/18/11	1020	-	SW-D-3	W	2	2				
34	8/18/11	1030	-	SW-D-2	W	2	2				
Please Sign				Released By	Date	Time	Item #	Released By	Received By	Date	Time
				181 Paulkiewicz	8/18/11	1630	3				
				2) Paulkiewicz	8/18/11	1630	4				

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CHAIN-OF-CUSTODY RECORD

Page 2 of 3

TRACE ID NO.
T11H198

Client Name:	TRC
Contact Person:	Scott Paulkiewicz
Mailing Address:	2025 E. Beltline Ave SE Ste 402
City, State, Zip Code:	Grand Rapids MI 49546
Phone:	616 975 5415
Fax:	616 975 1098
Email Address:	SPaulkiewicz@trcsolutions.com
Cell #:	616 915 3604
Project Name & #:	LFC 1 004049.0000.0000

Billing Address (if different):	
City, State, Zip Code:	
Phone:	
PO #:	

TRACE USE ONLY	
Logged By:	Checked By:
Received of Ice:	Preservative Checked:
Soil Volatiles Preserved:	MeOH Low Level Lab Sampling Time:
Regulatory Requirements	
MIRA TMDL's	Standard
Drinking Water	3-4 Day (RUSH)*
NPDES	24-48 Hour (RUSH)*
USACE	* Requires prior approval
Special	SO = Solid Waste
Turnaround Requirements	
Matrix Key	W = Wipes
	LW = Liquid Waste
	A = Air
	D = Drinking Water
	SL = Sludge

Request for Analytical Services					ANALYSIS REQUESTED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	REMARKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
35	8/18/11	1040	-	SW-D-1	W	4	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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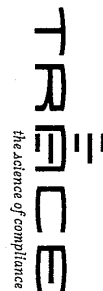
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CHAIN-OF-CUSTODY RECORD

Page 3 of 3

TRACE ID NO. T11H198

Client Name: TBC

Contact Person: Scott Paukrewicz

Mailing Address: 2025 E BEVERLY AVE SE MC 402

City, State, Zip Code: 666 RAPIDS MI 49806

Phone: 616 975 5415 Fax: 616 975 1098

Email Address: SPaulkrewicz@trcsolutions.com

Cell #: 616 215 3604 Sampled by: SP/MA

Project Name & #: 000008, 0000.0000, LEC

Billing Address (if different):

City, State, Zip Code:

Attn:

Phone:

PO #:

Report Results To:

TRACE USE ONLY

Logged By: [Signature]

Checked By:

Received on ice: Yes No

Preservative Checked: Yes No N/A

Soil Volatiles Preserved: MeOH Low Level Lab Sampling Time:

Regulatory Requirements: ☐ MERA TMDLs ☐ Drinking Water ☐ NPDES ☐ USACE ☐ Special

Turnaround Requirements: ☐ Standard ☒ 3-4 Day (RUSH)* ☐ 24-48 Hour (RUSH)* ☐ Requires prior approval

Matrix Key: ☐ S = Soil ☐ W = Water ☐ SE = Sediment ☐ O = Oil ☐ SO = Solid Waste ☐ SL = Sludge

WI = Wipes ☐ LW = Liquid Waste ☐ A = Air ☐ D = Drinking Water

ANALYSIS REQUESTED

TRACE NO. DATE TAKEN TIME TAKEN METALS FIELD FILTERED CLIENT SAMPLE ID MATRIX NUMBER OF CONTAINERS

REMARKS

Possible Health Hazard

Request for Analytical Services

Please Sign

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
1	<u>[Signature]</u>	<u>[Signature]</u>	<u>8/18/11</u>	<u>1630</u>	3				
2	<u>[Signature]</u>	<u>[Signature]</u>	<u>8/19/11</u>	<u>10:32</u>	4				

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Muskegon, MI 49444-2673
info@trace-labs.com
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Date: <u>8-17-11</u>		Client Name: <u>TRC</u>		# of Coolers: <u>1</u>	
Trace ID #: <u>T11H198</u>		Project Name: <u>ASMO</u>		Cooler #s: _____	
Logged in by: <u>ASMO</u>				Cooler #s: _____	
Cooler Receipt					
Cooler/samples delivered by:		Trace courier <input type="checkbox"/>		Name of delivery person: _____	
		Hand delivered <input type="checkbox"/>			
		Commercial courier <input checked="" type="checkbox"/>		UPS <input type="checkbox"/> DHL <input type="checkbox"/> FED EX <input checked="" type="checkbox"/> US Mail <input type="checkbox"/>	
Did cooler come with a bill of lading?		No <input checked="" type="checkbox"/>		<input type="checkbox"/> Not Applicable	
		Yes <input type="checkbox"/>		Way Bill or Tracking #: _____	
COC Seals present and intact on cooler?		No <input checked="" type="checkbox"/>		<input type="checkbox"/> Not Applicable	
		Yes <input checked="" type="checkbox"/>			
Custody seals signed by Client?		No <input type="checkbox"/>		Client custody seal # (if applicable): _____	
		Yes <input checked="" type="checkbox"/>			
Coolant and Temperature					
Type of Coolant Used		Cooler Temperature		Correction Factor <u>0.2</u> °C	
Slurry w/ crushed, cubed, or chip ice? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Date: <u>8-17-11</u>		Time: <u>10:52</u>	
Multiple bags of ice around samples? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Temperature Blank: <u>5.9</u> °C			
Ice Packs/ Blue Ice: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Range of 3 samples: <u>4.2</u> °C			
No Coolant Present: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Melt Water: _____ °C			
		Ice still present upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
General					
				Yes No NA	
COC taped to inside of cooler lid?		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
All bottles arrived unbroken with labels in good condition?		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Each sample point is in a sealed plastic bag?		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Labels filled out completely?		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
All bottle labels agree with Chain of Custody (COC)?		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Sufficient sample to run tests requested?		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
pH checked and samples at correct pH?		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Correct preservative added to samples?		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
DRO/GRO samples received and appropriate check in form completed?		<input type="checkbox"/>		<input checked="" type="checkbox"/>	
Air bubbles absent from VOAs?		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
COC filled out properly and signed by client?		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
COC signed in by TRACE sample custodian?		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Was project manager called and samples discussed?		<input type="checkbox"/>		<input type="checkbox"/>	
Contact: _____		Date: _____			
Notes:					

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SAMPLE LOG IN CHECKLIST

Date: <u>8-19-11</u>		Client Name: <u>TRC</u>	# of Coolers: <u>5</u>	
Trace ID #: <u>T11H198</u>		Project Name: <u>[Signature]</u>	Cooler #s: _____	
		Logged in by: <u>[Signature]</u>	Cooler #s: _____	
Cooler Receipt				
Cooler/samples delivered by:		Trace courier <input type="checkbox"/>	Name of delivery person: _____	
		Hand delivered <input type="checkbox"/>		
		Commercial courier <input checked="" type="checkbox"/>	UPS <input type="checkbox"/> DHL <input type="checkbox"/> FED EX <input checked="" type="checkbox"/> US Mail <input type="checkbox"/>	
Did cooler come with a bill of lading?		No <input type="checkbox"/>	<input type="checkbox"/> Not Applicable	
		Yes <input checked="" type="checkbox"/>	Way Bill or Tracking #: _____	
COC Seals present and intact on cooler?		No <input checked="" type="checkbox"/>	<input type="checkbox"/> Not Applicable	
		Yes <input checked="" type="checkbox"/>		
Custody seals signed by Client?		No <input type="checkbox"/>	Client custody seal # (if applicable): _____	
		Yes <input checked="" type="checkbox"/>		
Coolant and Temperature				
Type of Coolant Used		Cooler Temperature Correction Factor <u>+0.2°C</u>		
Slurry w/ crushed, cubed, or chip ice? Yes <input type="checkbox"/> No <input type="checkbox"/>		Date: <u>8-19-11</u> Time: <u>10:32</u>		
Multiple bags of ice around samples? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Temperature Blank: _____ °C		
Ice Packs/ Blue Ice : <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Range of 3 samples: <u>1</u> <u>2</u> °C		
No Coolant Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Melt Water: _____ °C		
		Ice still present upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		
General				
		Yes	No	NA
COC taped to inside of cooler lid?		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All bottles arrived unbroken with labels in good condition?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Each sample point is in a sealed plastic bag?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Labels filled out completely?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All bottle labels agree with Chain of Custody (COC)?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient sample to run tests requested?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
pH checked and samples at correct pH?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct preservative added to samples?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DRO/GRO samples received and appropriate check in form completed?		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Air bubbles absent from VOAs?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC filled out properly and signed by client?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC signed in by TRACE sample custodian?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was project manager called and samples discussed?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contact: _____		Date: _____		
Notes: _____				

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SAMPLE LOG IN CHECKLIST

Date: <u>8-18-11</u>		Client Name: <u>TRC</u>	# of Coolers: <u>4</u>	
Trace ID #: <u>T11H198</u>		Project Name: <u>[Signature]</u>	Cooler #s: _____	
Logged in by: <u>[Signature]</u>		Cooler #s: _____		
Cooler Receipt				
Cooler/samples delivered by:		Trace courier <input type="checkbox"/> Hand delivered <input type="checkbox"/> Name of delivery person: _____		
Commercial courier <input checked="" type="checkbox"/>		UPS <input type="checkbox"/> DHL <input type="checkbox"/> FED EX <input checked="" type="checkbox"/> US Mail <input type="checkbox"/>		
Did cooler come with a bill of lading?		No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Way Bill or Tracking #: _____		
COC Seals present and intact on cooler?		No <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/>		
Custody seals signed by Client?		No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Client custody seal # (if applicable): _____		
Coolant and Temperature				
Type of Coolant Used		Cooler Temperature		
Slurry w/ crushed, cubed, or chip ice? <input type="checkbox"/> Yes <input type="checkbox"/> No		Date: <u>8-18-11</u> Time: <u>10:35</u> Correction Factor: <u>-0.3</u> °C		
Multiple bags of ice around samples? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Temperature Blank: _____ °C		
Ice Packs/ Blue Ice: <input type="checkbox"/> Yes <input type="checkbox"/> No		Range of 3 samples: <u>4-6</u> °C		
No Coolant Present: <input type="checkbox"/> Yes <input type="checkbox"/> No		Melt Water: _____ °C		
		Ice still present upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
General				
		Yes	No	NA
COC taped to inside of cooler lid?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All bottles arrived unbroken with labels in good condition?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Each sample point is in a sealed plastic bag?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Labels filled out completely?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All bottle labels agree with Chain of Custody (COC)?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient sample to run tests requested?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
pH checked and samples at correct pH?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Correct preservative added to samples?		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
DRO/GRO samples received and appropriate check in form completed?		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Air bubbles absent from VOAs?		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COC filled out properly and signed by client?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC signed in by TRACE sample custodian?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was project manager called and samples discussed?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contact: _____		Date: _____		
Notes: _____				

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